



**Nathan Hanagami '04** kicks an opponent during his sparring match at the final Ivy/Northeast Collegiate League tournament at Columbia University. The Sport Tae Kwon Do Club won the tournament, placing first in the league for the year.

REGINA CHEUNG—THE TECH

## Next September, Crowding May Return to Dormitories

By Kathy Lin  
ASSOCIATE NEWS EDITOR

Several fraternities report that most of their freshmen pledges are planning on moving into their fraternity houses next year, but some degree of crowding is anticipated in the dormitories next year.

Chancellor Phillip L. Clay and Dean for Student Life Larry G. Benedict previously vowed there would not be crowding next year. "Not if I'm going to work here," Benedict said last November.

Assistant Dean and Director of Fraternities, Sororities, and Independent Living Groups David N. Rogers anticipates that about 80 percent or more of the freshman pledges will move into their respective fraternities next year.

"It's understood that living [at a fraternity] is a big part of being part of the community," said Joshua S. Yardley '04, the 2002 Interfraternity Council rush chair.

So far, 216 freshmen have decided to live off campus next year, and about 730 have confirmed that they will stay on campus, said Denise A. Vallay, assistant director of undergraduate housing. About 65 housing confirmations still have not been submitted.

Vallay said she "anticipate[s]" that there probably will be a small degree of crowding next year, but that it is hard to judge how much of a problem on-campus crowding will be.

A total of 785 people will be

moving off campus next year, including graduating seniors. In addition, 107 rising seniors have applied for Senior Segue and could move out of the undergraduate dormitory system in graduate housing as well.

However, there is not enough

Crowding, Page 18

## Rhee Death Apparently Suicide

By Beckett W. Sterner  
ASSOCIATE NEWS EDITOR

The death of Jaemin Rhee PhD '01 appears to be a suicide.

David D. Clark SM '02, a friend of Rhee and a member of the Ptolemy Players, the chamber music group that she founded, said that Rhee had written a brief note before her death.

Clark said that the note contained her parents' phone number and a request, "don't tell anybody else."

Public Information Officer of the Cambridge Police Frank Pasquarello said that the official investigation was ongoing and that no official cause of death had been determined yet.

Rhee was found in her apartment by one of her friends on Monday, April 8.

Shayan Mukherjee PhD '01, a postdoctoral fellow in Course IX

and a friend of Rhee's, said that she died from an overdose of Valium. He said that the note mentioned that "she has some rent due," but it was "literally a note" and no more.

Mukherjee said the note did not mention a reason. The note "wasn't really much of anything as far as I know," he said.

Her suicide "was a complete surprise," he said, because right now "didn't seem like a particularly bad time," said Anand D. Sarwate '02.

Sarwate also Rhee's friend and publicity chair for Ptolemy, confirmed that Rhee had left a "a very matter of fact note."

Concerning Pinker's decision to leave MIT for Harvard just a few days before Rhee's suicide, Clark said that "I'm pretty positive that has nothing to do with it."

Sarwate said that in the past Rhee had suffered from periods of

depression and had been hospitalized for panic attacks. He added that Rhee had undergone therapy and was careful to follow treatment. "She was doing all the right things" to stay healthy, he said.

Sarwate said a possible factor might be that she was "kind of stressed out" because she was participating in an upcoming research conference. He also said that she had not yet decided what she would do in the fall as her fellowship would have ended this year.

### Suicides raise concerns at MIT

Rhee's suicide is the first in the MIT community since 2001, when Julia M. Carpenter's '02 death was ruled a suicide by cyanide poisoning. Prior to that, there were four suicides in 2000, including the death

Rhee, Page 12

## Matchup Participants File Many Complaints

By Marissa Vogt  
ASSOCIATE NEWS EDITOR

Harvard University students filed a series of harassment complaints with MIT and Harvard campus police in connection with the MIT-Harvard-Wellesley Matchup service offered this past February.

Both universities and MIT Stopit received complaints from female students at Harvard Law School about persistent e-mails they received from Jonathan Monsarrat '89, the matchup's creator and operator.

Nicole J. DeSario, a student at Harvard Law School, said that "there's been a lot of people who have been hearing from him even when they don't respond to him."

DeSario said in an e-mail to the MIT Young Alumni Club that Monsarrat had "admitted in some of his

e-mails that he went through the results by hand to pick people to contact above and beyond those who he would be matched with."

DeSario said that she originally addressed her complaint to matchup-request@mit.edu, the address listed on the Web site for the matchup, <http://www.mit.edu/matchup>.

After she did not receive a response, DeSario said that she suspected that Monsarrat was the only person receiving mail from that address, so she sent her complaint to the MIT Young Alumni Club, which is listed on the web site as a sponsor of the service. The club then filed a complaint with MIT Stopit.

The complaint DeSario sent to

Matchup, Page 15

## MIT Loses Patent Lawsuit

By Keith J. Winstein  
NEWS AND FEATURES DIRECTOR

MIT lost a patent infringement lawsuit against Lockheed Martin Corp. that sought royalties for Lockheed's operation of two United States ground stations for Inmarsat, a global satellite telephone system.

On March 18, Chief Judge William G. Young of the federal district court in Boston ruled that no reasonable jury could find that Lockheed's operation of two Inmarsat ground stations infringed an MIT patent on a technique for compressing speech signals. MIT will not appeal the ruling, said Lita Nelsen, director of the MIT's Technology Licensing Office.

The lawsuit was noteworthy for several reasons. It is the first time anybody can remember that MIT has lost a patent infringement lawsuit. Neither *The Tech* nor Jack Turner, the TLO associate director, could find or recall a previous loss for MIT. Almost all MIT-filed patent infringement suits end before trial when the defendant agrees to pay for a license.

### MIT says Lim's product infringes

The lawsuit was also noteworthy because Lockheed did not develop the speech compression technique the Inmarsat system uses. Lockheed bought its system from the MIT spinoff Digital Voice Systems Inc. of Westford, Mass, known as DVSI, which designed and sells the "multi-band excitation" speech-compression system at issue.

The chairman of the board and co-founder of DVSI is MIT Professor Jae S. Lim '74, whose inventions and patents have brought in tens of millions of dollars in licensing revenue for MIT and have been the foundation of several patent infringement lawsuits filed by MIT.

Lockheed, Page 15



**Steam emerges from cracks in the sidewalk next to Burton-Conner Monday night. The cause was not immediately apparent, but a passerby said a pipe of some kind that had been laid beneath Amherst Alley in front of Burton-Conner in the past several weeks may be the source.**

NATHAN COLLINS—THE TECH

*The Tech* will not publish an issue this Tuesday. We will resume publication next Friday. Happy Patriot's Day!



Comics

NEWS

The schedule for 2003 Orientation nears completion.

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# WORLD & NATION

## Aid Groups Say Efforts Hampered in Iraq

By Deborah Barfield Berry

NEWSDAY

WASHINGTON

With looting and fighting still under way in parts of Iraq, some relief groups say their efforts to deliver aid have been severely hampered even as Iraq faces an outbreak of diseases and a critical shortage of clean water.

A few groups have truckloads of supplies waiting in bordering countries, while others say they have managed to get in small amounts of aid whenever and wherever it's safe.

Catholic Relief Services, an international aid agency, has four truckloads with \$500,000 in medical supplies and food waiting in Jordan to be delivered to Iraq. It will be the agency's first major convoy of aid into the country. But because of safety concerns, officials say, that could take a week to 10 days.

"We had hoped to go in as early as this week, but it's just not safe at this point to go," said Joe Carney, a spokesman for the group. "You can't guarantee the safety of staff or that the supplies will necessarily reach the people they're intended for."

## FTC Sues Porn Web Operator As Part of Anti-Spam Efforts

By Jonathan Krim

THE WASHINGTON POST

The Federal Trade Commission is suing one of the country's most active purveyors of pornographic junk e-mail, part of a stepped-up push by the agency to combat spam.

The suit, filed Tuesday in federal court in Illinois, alleges Brian Westby of Missouri violated federal laws by sending e-mail whose deceptive subject lines, such as "What is wrong?" and "Fwd: You may want to reboot your computer," disguised the actual content: images of scantily clad women and links to 20 porn Web sites Westby operated, many featuring "married but lonely" women.

FTC officials said its spam database, which is receiving about 120,000 pieces of spam per day forwarded by citizens, collected 46,000 from Westby's various endeavors.

The agency further alleged Westby used "spoofing" — a common spammer practice that disguises the Internet address of the computer that sends the spam — and provided a means of unsubscribing from e-mail lists that did not work. The complaint said Westby has netted more than \$1 million from his porn operations.

## Officials Fear New Transmission Routes for SARS

By Rob Stein

THE WASHINGTON POST

The SARS virus that infected hundreds of people in a 33-story Hong Kong apartment tower probably spread in part by traveling through bathroom drainpipes, officials said Thursday in what would be a disturbing new confirmation of the microbe's versatility.

The possible explanation for what has been one of the most baffling and worrisome outbreaks in the epidemic indicates the virus can be transmitted in ways other than close person-to-person contact.

"The possibility that the virus could by aerosol move through a vertical pipe through other pipes ... into the air and affect so many people, that's not comforting," said Klaus Stohr, who is leading the World Health Organization's scientific efforts against SARS — severe acute respiratory syndrome.

Stohr stressed, however, that even if the virus can spread through plumbing or in other ways, the pattern of the epidemic so far indicates that would occur only rarely.

"If this would significantly contribute to the transmission of the virus, the epidemic would look different. It would spread faster. We'd have many more cases that we could not link to a SARS patient," Stohr said.

Nevertheless, evidence of the virus has been found in almost every body fluid that has been tested, including blood, feces, urine, saliva and even tears, Stohr said.

## WEATHER

NATIONAL WEATHER SERVICE

**Today:** Partly sunny. Highs in the mid 40s F (7°C). East winds 10 to 15 mph.

**Tonight:** Mostly cloudy. Lows in the mid 30s F (2°C). East winds 10 to 15 mph.

**Saturday:** Partly sunny. Highs 45°F (7°C) to 50°F (10°C).

**Saturday night:** Mostly cloudy. Lows in the upper 30s F (3°C).

**Sunday:** Mostly cloudy. Highs near 50°F (10°C).

**Sunday night:** Mostly clear. Lows in the upper 30s F (3°C).

**Monday:** Partly cloudy. Then cloudy with a chance of showers. Highs 55°F (13°C) to 60°F (16°C).

**Tuesday:** Cloudy with a chance of showers. Lows in the upper 40s and highs in the mid 50s F (13°C).

# European Union: U.N. Must Play Important Role in Iraq

By Sebastian Rotella

LOS ANGELES TIMES

Trying to overcome divisions left by the U.S.-led campaign in Iraq, the European Union on Thursday threw its weight behind a key role for the United Nations in post-war Iraq and said the EU also has a political and economic role to play in the reconstruction of the country.

France, Germany and other anti-war countries joined a pro-war camp led by British Prime Minister Tony Blair to issue a carefully worded statement seeking to ease the United Nations back into the battered international decision-making process.

"No issue has so divided the world since the end of the Cold War," U.N. Secretary-General Kofi Annan SM '72 said at the summit in Athens, Greece, held to welcome 10 mostly former Communist countries into the EU fold. "It is vital that we heal that division now. The world cannot afford a long period of recrimination."

Annan spent Wednesday and Thursday shuttling between meetings with leaders including French President Jacques Chirac, German Chancellor Gerhard Schroeder and Russian Foreign Minister Igor S. Ivanov, all of whom teamed up to block U.N. approval of military

action in Iraq.

Their actions exacerbated long-standing conflicts in the European Union between France and Germany, which regard themselves as the leaders of the organization, and Britain, Spain and Italy, which backed the Bush administration's confrontation with the Iraqi regime. Moreover, Chirac irritated future member countries such as Poland, which contributed forces to the coalition, by criticizing their pro-U.S. stance and hinting at potential retaliation in the EU.

The war issue dominated this week's proceedings even though Greece, which holds the six-month rotating EU presidency, had said Iraq would not be a topic for discussion at a meeting whose nominal focus was to welcome the members from Central and Eastern Europe.

With Annan the first dignitary to arrive in Athens for the meeting and the last to leave, Iraq "hung over the summit like a sword of Damocles," one diplomat said.

The joint statement issued Thursday declared that "the U.N. must play a central role, including in the process leading towards self-government for the Iraqi people, utilizing its unique capacity and experience in post-conflict nation-building. [The EU] looks for-

ward to a further strengthening of the U.N.'s involvement in post-conflict Iraq, initially in the coordination of the humanitarian assistance."

Tellingly, with anti-war countries fearful they will be locked out of lucrative contracts to rebuild a shattered Iraq, the EU reaffirmed its commitment to playing a "significant role" in the reconstruction of the country.

Greek Foreign Minister George Papandreu helped broker the wording of a statement intended to abet a conciliation that has begun with the victory of the coalition forces in Iraq.

Blair, who spent less than 24 hours in the Greek capital, met privately with Chirac — their first face-to-face meeting since the war began. The sit-down continued an ice-breaking process between Paris and Washington and London a day after President Bush and Chirac had their first phone conversation since the war began.

The 15 current EU nations appeared to agree that the priority in Iraq is to help the country recover from the Saddam Hussein regime and the war that brought it down. But hard questions about how the process will work, and which countries or institutions are best-prepared to participate, still hung in the air.

# Bechtel Corporation Receives Iraqi Reconstruction Contract

By David Streitfeld and Mark Fineman

LOS ANGELES TIMES

WASHINGTON

The federal government on Thursday selected San Francisco's Bechtel Group for a sweeping \$680 million contract to oversee the rebuilding of Iraq, a massive task that will involve everything from airports, schools, roads, bridges and railroads to its power grids, water systems and sewers.

So critical is this work to America's postwar presence in the wounded nation that the 98-page request for bids secretly sent out to a handful of American companies declared it essential to keeping the peace there.

Bechtel said it was "honored" to have been selected by the U.S. Agency for International Development. Even critics conceded the task was extraordinary.

"This has never been done before — an American corporation rebuilding an entire foreign country," said Danielle Brian, executive director of the D.C.-based Project on Government Oversight.

The government said Bechtel will initially get \$34.6 million under the contract, which provides for up to \$680 million during the next 18 months. But USAID officials said the total will be far higher. Experts say it will cost tens of billions of dollars to fulfill the agency's goal of creating "the fundamental structures for democracy and economic growth."

Bechtel said it had already started working with USAID to "prioritize and detail" what needs to be done.

The company's next step is to find subcontractors. Bechtel will be responsible for coordinating construction work by dozens of subcontractors employing thousands of workers.

"It will be a full and open and international bidding process," Bechtel spokesman Mike Kidder said.

None of that was true in the first round. The size of the contract — the biggest of eight being awarded by

USAID, for a total of \$1.7 billion — and the fact that it was cloaked under the veil of national security drew criticism from Capitol Hill and government watchdog groups. "A troubling pattern is starting to emerge," said Sen. Ron Wyden, D-Ore. "We're seeing some of the country's most powerful business interests showing up and getting these contracts. That ought to set off bells."

Wyden is co-sponsoring a bill to force public disclosure of Iraq contracts awarded without open, competitive bidding. The General Accounting Office, Congress' investigative arm, has launched a wide-ranging investigation as well. An amendment to the \$80 billion war-spending bill President Bush signed this week allocates more than \$4 million for AID's inspector general to monitor and audit money spent in Iraq.

Bechtel, which was founded in 1898 by Warren Bechtel and is closely controlled by his descendants, built the Hoover Dam in the early 1930s. Other major company projects include the San Francisco-Oakland Bay Bridge, the Trans-Arabian Pipeline, the Bay Area Rapid Transit System and the English Channel Tunnel.

Bechtel has often worked on military as well as other government contracts, including the Yucca Mountain nuclear waste disposal site and the Idaho National Engineering and Environmental Laboratory.

Like many companies that work extensively with the government, it has been a large political contributor: \$1.3 million to federal campaigns and candidates over the last three years, according to the Federal Election Commission. Fifty-nine percent of the money went to Republicans and the rest to Democrats, records show.

Over the decades, Bechtel has been closely tied to the government in other ways, too. George Shultz, treasury secretary for President Nixon, stepped down in 1974 to become president of Bechtel. In

1982, Shultz became President Reagan's secretary of State. Shultz is currently a member of Bechtel's board. Caspar Weinberger was a Bechtel director, vice president and general counsel before becoming Reagan's secretary of defense in 1980.

Officials have stressed that politics played no role in awarding the contracts. USAID administrator Andrew S. Natsios emphasized that all 123 employees in the agency's procurement division are career civil servants, and that he and all other political appointees are legally barred from participating in the process. The procurement staff awarded the contract after evaluating the companies' capabilities and reviewing the cost estimates.

Nevertheless, the company is a lightning rod for activists. Bechtel's headquarters in San Francisco's financial district was the scene of several demonstrations as the war began at the end of March. Even after the protesters stopped coming, the company left the crowd control barriers up in front of its building, just in case.

Bechtel has been the subject of more substantive criticism too. In Boston, Bechtel has come under fire for its co-management of the Big Dig project to replace a 7.5 mile elevated highway with an eight-lane underground tunnel.

Over its nearly 20-year history, the cost of the project has ballooned from \$2.5 billion to \$15 billion. The state government is investigating whether Bechtel is responsible for making mistakes that total more than a billion dollars.

"They were in charge of the biggest infrastructure project in the history of America and they screwed it up," said Brian of the Project on Government Oversight.

Bechtel has defended itself vigorously and says the criticism is "fundamentally flawed."



# Few Deaths, But HIV Infection Reaches 1.5 Million in Russia

By David Holley  
LOS ANGELES TIMES

MOSCOW

While the number of AIDS deaths is still low, an epidemic of HIV infection is raging in Russia, with up to 1.5 million Russians now carrying the virus, the country's top expert on the disease said Thursday.

Vadim V. Pokrovsky, head of the Health Ministry's AIDS Prevention and Treatment Center, made the statement at a news conference called to promote a battle against HIV/AIDS in Russian prisons, where the disease readily spreads and is then transmitted to the broader society as inmates are released.

Russia has 235,000 registered HIV/AIDS cases, but the actual number is estimated at 700,000 to 1.5 million, Pokrovsky said. This includes 37,000 inmates who are confirmed to be infected. The Russia-wide totals are up from just 442 registered cases in 1990 and 1,080 registered cases in 1995.

An all-star cast of international

health organizations appeared at the media event, which was focused on a new Russian-language health manual designed for use by prison doctors. But in an indication of why the epidemic rages on, Pokrovsky said in response to a question near the end of the news conference that the book is full of nice ideals but is detached from reality.

"The book reflects the best practices and the best intentions," Pokrovsky said. "Of course, the book should be adopted taking into account the economic situation in this country. The book reflects the ideal situation. It doesn't take into account the real situation. The financial situation today does not allow the implementation of these ideas into Russian reality."

The news conference was attended by representatives of the World Health Organization, Medecins Sans Frontieres, Penal Reform International and Moscow-based AIDS Foundation East-West. But no one at the news conference

gave any strong indication that key preventive measures recommended in the manual would be acted upon.

The World Health Organization book paints a bleak picture of problems in Russian prisons and many other penal institutions around the world that contribute to the spread of AIDS.

A Russian prisoner survey cited in the manual found that of 1,087 respondents, 20 percent said they had injected drugs while in prison, and of that group 64 percent used shared equipment.

The manual suggests three ways to limit the transmission of HIV from drug use: providing sterile needles, providing bleach so prisoners can sterilize needles, and providing methadone maintenance treatment to addicts.

Russian prison authorities generally say that given overcrowded conditions and the susceptibility of poorly paid guards to bribery, keeping prisons drug-free is an impossible task.

# Bush Administration to Suggest Routine AIDS Testing Procedures

By Ceci Connolly  
THE WASHINGTON POST

The nation's top public health doctor, declaring current AIDS prevention programs a major disappointment, announced Thursday the Bush administration will begin encouraging doctors to offer routine HIV testing to all their patients, especially pregnant women.

The new screening procedures, which will be voluntary, are aimed at curbing the 40,000 new infections in America each year, said Julie Gerberding, director of the Centers for Disease Control and Prevention.

"We are not achieving the overall progress we intended to achieve with HIV prevention," she said in announcing the \$35 million initiative. Most alarming, she said, is the large number of Americans who are totally unaware they have been infected with the deadly virus that causes AIDS.

"It is tragic and really unacceptable (that) 200,000 people in this country are HIV positive and don't know it," she said. "It is unacceptable that we are 22 years into the AIDS epidemic and we cannot accurately identify the incidence of infection in this country."

Life-extending medications have

drastically reduced the number of AIDS deaths in the past two decades, from about 51,000 in 1995 to about 16,000 in 2001, according to CDC figures. But with prevention efforts stalled, the number of HIV infections has remained steady and some indicators suggest it could soon rise.

Officials fear a recent spike in syphilis cases in gay men signals a likely future jump in AIDS, since both diseases can be spread through unprotected sex and often occur concurrently.

"We are worried about trends we are seeing in urban communities and among men who have sex with men," Gerberding said in an interview, adding that the syphilis outbreak "could be a harbinger of a much broader expansion in the future" of HIV infection.

Although the guidelines are only advisory, CDC intends to give grants to states and groups to pursue the new strategies, including in jails, homeless shelters and other unconventional settings. The shift in priorities could mean a loss of federal money for organizations that target high-risk groups through programs such as public service campaigns, condom distribution and community workshops, said

Ernest Hopkins, director of federal affairs for the San Francisco AIDS Foundation.

In its prevention plan, CDC sidestepped politically thorny questions around safer sex practices, needle exchange programs and abstinence-until-marriage education. The agency has yet to work out many details, including how it will go about placing greater emphasis on identifying and treating partners of HIV-infected individuals.

The recommendations received muted praise Thursday from many involved in AIDS prevention work. While sharp political divisions remain over the Bush administration's overall performance on AIDS and its sensitivity to privacy concerns, most activists applauded the effort to increase testing.

Until now, CDC had recommended testing patients in acute care hospitals with large numbers of AIDS cases or clinics that specialized in treating sexually-transmitted diseases.

As part of that effort, CDC is loosening requirements that doctors provide extensive pre-test counseling. Some physicians describe the counseling as a barrier to testing, complaining that it takes too long and is not reimbursed by insurers.

# Concerns Over War in Iraq Continue To Cause Global Economic Troubles

By David Lamb  
LOS ANGELES TIMES

CAIRO, EGYPT

Ramadan Ibrahim counts himself among the casualties of the Iraq war as he looks out at the Great Pyramids of Giza. The surrounding parking lots are empty, the tourist shops deserted. In his stable, all 45 of his Arabian horses are idling away the day in their stalls.

"Where are the tourists?" he asks, before answering himself: "Far away. In their homes. The war makes everyone think of nothing but war. We are not Iraq, but people think they will get shot if they come to Egypt. Will they ever come back? Only God knows."

Usually in March and April, the height of Egypt's tourist season, Ibrahim's guides would be leading 15 or 20 riders through the desert on a sunny, cool morning like this. Hotels from Cairo to Luxor would be operating at full capacity. Restaurants along the Nile would

be turning away customers. Flights in and out of Cairo would be oversold.

But these days one of the world's great tourist destinations has been all but forgotten, and economists estimate the war could cost Egypt up to \$8 billion in lost revenue from several sources, including tourism, the Suez Canal and exports.

Egypt's troubles reflect economic concerns facing the Arab world overall. A United Nations' agency previously estimated that the 17 Arab countries could see \$400 billion in lost productivity and the loss of 2 million "job opportunities" in the next decade because of war.

Most estimates projecting the war's catastrophic impact, including the U.N. one, were made before the U.S.-led invasion was launched March 20. Because the war ended up being of short duration, did not spill over Iraq's borders and resulted in a regime change, economists

believe the losses may have been overstated. They say it will be impossible to accurately tally up the costs and assess the long-term economic effect until Iraq's future is clearer and the implications of Saddam Hussein's overthrow on regional balances is apparent.

"There is an enormous amount of uncertainty as to what institutions, what form of governance, is going to emerge from the post-war situation," Jean-Louis Sarbib, a World Bank vice president, said in Washington two days after Baghdad's fall on April 9. "The situation is too unclear for us to say which way the chips are going to fall."

While reconstruction of Iraq could give an economic boost to the region, in the short term analysts expect declining tourism, investment, trade and transport.

Iraq was Jordan's major export market, and it was one of Egypt's largest trading partners. Iraqi oil, some of it smuggled, was an underpinning of the Syrian economy.

# Thirsty States Ask Feds To Help Get the Salt Out

By Judy Sarasohn  
THE WASHINGTON POST

California, Texas and other thirsty states don't need a divining rod to find water. There's the ocean — if only it weren't so salty.

Desalination is a technology that's finally becoming economically viable in the transformation of seawater and brackish groundwater into potable usable water. But municipal water authorities say they're going to need help from the feds.

A group of large municipal water authorities has formed a coalition and hired a lobby shop — the Furman Group — to try to persuade Congress and the Bush administration to kick in for a new federal desalination program. To the tune of perhaps \$1 billion over 10 years, Hal Furman said.

"It's going to require a major effort," said Furman, a deputy assistant secretary of the Interior during the Reagan administration.

Furman says that the local water authorities would be paying about 85 percent of the total costs. He adds that the federal government already provides assistance for other water supply and treatment programs.

While he says "it's not inconceivable" that the coalition could at least get the program authorized during the current Congress, Furman acknowledges that its "biggest challenge" is probably getting the attention of Congress and the administration.

# FBI to Aid Probes Into Iraq Museum Looting

By Dan Eggen  
THE WASHINGTON POST

WASHINGTON

More than two dozen FBI agents in Iraq will help conduct criminal investigations into widespread looting at the National Museum of Antiquities and other cultural sites, U.S. law enforcement officials said Thursday.

FBI Director Robert S. Mueller III said the teams would aim to capture thieves, recover stolen artifacts and cooperate with Interpol, the international law enforcement organization, to track sales "on both the open and black markets."

"We recognize the importance of these treasures to the Iraqi people and ... to the world as a whole," Mueller said. "We are firmly committed to doing whatever we can in order to secure the return of these treasures to the people of Iraq."

The FBI's looting investigation comes amid growing international furor over the ransacking of Iraqi museums and libraries that went unchecked by U.S. soldiers, resulting in the loss of countless artifacts from Mesopotamia and other ancient civilizations.

Antiquities experts meeting in Paris on Thursday said there was strong evidence that many of the looters were highly organized and had keys to museum vaults, raising suspicions that organized crime may have had a hand in the thefts.

# Rumsfeld, Myers Fault War Critics, Endorse Embedded Reporting

By Thomas E. Ricks  
THE WASHINGTON POST

WASHINGTON

Defense Secretary Donald Rumsfeld and his top military officer returned to one of their favorite recent themes Thursday, criticizing the media's coverage of the war in Iraq as at times "inaccurate" and "conflicting."

Asked at a "town hall" meeting with Pentagon employees about the perception that the media gave a negative view of the war, Rumsfeld complained that not long ago, "people were saying that the plan was terrible and ... there weren't enough people, and ... there were going to be, you know, tens of thousands of casualties, and it was going to take forever."

But he described two very different sides to the coverage. On the one hand, he specifically criticized "retired military officers" who opined on television and newspapers "that constantly, you know, blare big headlines of 'Henny Penny: The Sky Is Falling,' 'It's Just Terrible,' 'Isn't It Awful.'"

On the other, Rumsfeld strongly endorsed the reports that came from the hundreds of journalists "embedded" with units fighting the war. "The American people were able to see slices of what took place," he said. "They could see accurate presentations and representations and written accounts of what the men and women in uniform were doing."

# Shuttle Investigators Call Heat Shield Inspections 'Inadequate'

By Eric Pianin and Kathy Sawyer  
THE WASHINGTON POST

The board investigating the Columbia space shuttle disaster Thursday issued its first recommendations to NASA, saying that the agency's existing methods of inspecting the crucial heat shielding on the leading edge of the shuttles' wings were "not adequate."

In urging a more thorough and scientifically advanced inspection of the carbon composite on the leading edges, the board was reflecting its prevailing theory about the event that triggered the destruction of the Columbia and its seven crew: that a breach in the left wing's heat shield allowed superheated gas to penetrate the structure and caused the plane to disintegrate as it re-entered the atmosphere.

The board also criticized NASA's recent agreement with a government spy satellite agency to capture detailed satellite images of orbiting space shuttles whenever the opportunity presents itself. The board urged that imaging of orbiting shuttles be a "standard requirement."

Some board members, including former astronaut Sally Ride, have expressed bafflement that NASA managers refused to seek photographs of the space shuttle in orbit after the left wing was struck by foam debris during launch.



# OPINION



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## REBUILD IRAQ MEETING



## Letters To The Editor

### Let Debate Be Open

Concerning Jeff Duritz's letter ("Offensive Content", April 11): I was responsible for bringing Dr. Brook to speak.

The views of the Ayn Rand Institute are explicitly spelled out on its web site, <http://aynrand.org>, so the curious can judge for themselves.

As far as racism and "complexes," I think it is Duritz and his associates who are obsessed with race, and Duritz's behavior was among the rudest I have seen at MIT. Interestingly enough, I had a similar problem at an event two years ago, with some of the same people involved.

In any case, I look forward to continued debate on this campus.

Mike Rolish '04  
President, MIT Objectivist Club

### Advertising Question

Since when is *The Tech* a space for the U.S. Armed Forces to advertise freely? Given the amount of heated debate in the last month in this newspaper about the war, doesn't donating space for a recruiting ad for the Navy (April 15, page 20) bring your unbiased perspective into question?

Brad Friedman G

### On Daytime Saferide

The recent editorials about the benefits and problems with the current proposal for daytime Saferide do not address some basic and important issues.

The proposed daytime Saferide is pointless for exactly one reason — the number 1. This bus already crosses the Harvard Bridge regularly, making stops along Mass Ave that make the proposed three stops a near perfect redundancy of the MBTA's bus service. Surely the members of the fraternities and sororities that are close to these stops can afford the 75 cents for the bus and do not require the entire student body to pay for their heated transport on cold days. They aren't a large enough percentage of the population to warrant spending \$30,000 of student life money each year to serve them.

Consider that members of ZBT and ET are closer to the nearest Tech Shuttle stop (at Tang) than they are to the nearest proposed Saferide stop. Consider also that the walk from Beacon and Mass Ave to 77 is only

about as long as the walk from Burton-Conner to 77. Finally, there are few if any graduate students who live in the Back Bay area that would be served by the proposed route. If we do indeed institute daytime Saferide during winter months, we should serve as large a percentage of the student body as possible, not just those few who are lucky enough to live close enough to make it sound inexpensive.

While daytime Saferide need not stop at every FSILG, it should make some effort to serve them all with stops along Comm Ave, Beacon, Bay State, and even in Brookline. It should also try to serve graduate students, with a Cambridge route stopping near grad dorms and the most popular areas for graduate students to have apartments. Priority for stops should be given to those areas not well served by public transportation. Those living near the red line and buses can buy subsidized T-passes. It would be well worth any increase in cost to serve three or four times as many students as the current plan allows.

If the cost becomes prohibitively high, the routes could be funded partially by fares paid by those who wish to take the shuttle. Students could buy passes to help pay for their comfort. Even 25 cents per ride could offset a significant portion of the expense to the general student population while still providing the students using the service with an inexpensive way to avoid walking miles in the snow.

Daytime Saferide isn't a bad idea. It's a long cold walk to MIT from Boston most of the school year. But it's also a long cold walk from Cambridge and Brookline. A daytime shuttle should fill holes left by public transportation to better serve all students, not just provide a free way to follow the number 1.

Dina Feith '03

### Inferiority Complex

I was disturbed and saddened last Friday when I saw the front page of the Tech. On it was a photo of the CPW Welcome held for prospective prefrish the night before, and the centerpiece was a giant faux-emblem of our neighbor to the north-west, Harvard. The sign replaced the traditional Harvard motto with "HU-GE-EGO".

Why is it that we have to stoop to such cheap levels of demoralization in order to feel good about ourselves? Ever since I came to MIT, I have been excited by the education

opportunities it promised to provide. I always knew that this was a world-class school. So why do we have to constantly put down Harvard with such pathetic conduct? I realize that Harvard is sometimes overrated as an undergraduate institution, and MIT is often underrated, but at the heart of it, both are good schools. I am dismayed at the constant Harvard bashing, not only because I have good friends who attend that school, but because it repeatedly shows the insecurity and pettiness of the people doing the bashing.

Therefore it disturbs me to an exponential degree when the potential members of the Class of 2007 are introduced to MIT by the Administration with a giant sign denoting our insecurities and lack of poise. We might as well have painted on our foreheads "We have no intrinsic confidence in ourselves or what we can accomplish."

Well I have confidence in MIT and what it — and all of its students and faculty — can accomplish. And I don't need to bash another school to express it.

Rose Grabowski '05

## Erratum

A photo caption on page 19 of Tuesday's edition misstated the nature of the incident that led to a two-year alcohol-related sanction for Alpha Tau Omega and went beyond the facts known to *The Tech*. It was an "unruly" crowd outside a November party, not a "scuffle," that led to the sanction.

A feature story last Friday ["Mission to the Amazon"] misstated the relationship between a school trip to the Amazon and the academic subject 12.000. The Amazon trip, led by Jeremy W. Boyce G, Professor Rafael L. Bras '72, Lecturer Ari W. Epstein PhD '75, and Professor Kip V. Hodges PhD '82, was part of the Terrascope freshman program. Terrascope, which is run jointly by Civil and Environmental Engineering (Course I) and Earth, Atmospheric, and Planetary Sciences (Course XII), is a year-long program that also includes classroom subjects 12.000 and 1.016, but the trip itself was not formally part of either subject.

## Opinion Policy

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**Dissents** are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

**Letters to the editor, columns, and editorial cartoons** are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to [letters@the-tech.mit.edu](mailto:letters@the-tech.mit.edu). Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. The Tech reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

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# The Truth About Taxes

Arvind Sankar

The specifics of the "bloody experiment" that Mr. Nesmith refers to in his April 15 column should clue one in as to the hollowness of his overall case: comparing the premier economy of the world to one of the world's poorest nations, less than 25 years since its independence, run by an unofficial dictator since that time, with a quarter of its adult population HIV-positive, and periodically ravaged by drought (including for the last couple of years); and ascribing all of its problems simply to the land-repossession policies recently implemented by President Mugabe is as dirty a rhetorical trick as any that can be contemplated. India instituted a similar program soon after independence as well, kicking out zamindars (landlords) and dispossessing hereditary kings of their kingdoms, but it doesn't seem to have been too disastrous. Perhaps Mugabe's problems lie more in the implementation than in the policy. Heck, the United States broke up AT&T in the eighties, implementing a policy that no doubt repels Mr. Nesmith as much as Mugabe's, and is probably the reason why long-distance is so expensive now.

I also believe that if Nobel laureates in economics and university professors of economics are all decrying the unjust distribution of wealth in America, one ought to listen seriously to them. My roommate is an economics grad student, and I am constantly reminded that she has a far better grasp of these issues than myself. Education does count for something, you know.

Further, if we are to contemplate the so-called "logical conclusion of leftist policies", surely we should compare it to the logical conclusion of rightist policies, the abolition of government? Are even the most staunchly conservative of the American people prepared for that? Does anyone really want a society, in

which the poor simply starve to death if they can't afford food, ER doctors rifle through your wallet before deciding whether to stop your bleeding, and justice consists of a bullet in the head? European colonialism represented an extreme form of capitalism. A democracy is arguably antithetical to extremist capitalism, because its mantra of "one man, one vote" doesn't allow the rich to simply outbid the poor. I submit that both extremes are untenable: pure capitalism doesn't work because humans care too much about others, and pure socialism doesn't work because they care too little — yes, a simplistic statement, but it sounds so good, I couldn't resist.

So we're now forced to consider shades of gray, rather than black and white, always more difficult, but always necessary. The federal government is essential, taxes can't be wished away, and at the same time, executing Bill Gates doesn't help anyone, South Park notwithstanding. So let's consider whether tax rates are punitive, and whether the proposed Bush tax cut is a good idea.

I don't know where Mr. Nesmith got his figures of the top 1 percent of taxpayers coughing up half the federal budget. According to "An Economic Evaluation of the EGTRR Act of 2001," published in the National Tax Journal in March 2002, the top 1 percent earned 19.2 percent of pre-tax income and paid 25.9 percent of federal taxes, but that was reduced to 24.9 percent by the 2001 tax cut. The bottom 60 percent of the population earned about 22 percent of pre-tax income and paid about 14.5 percent of federal taxes. (These values were not significantly affected by the 2001 cut.) These 60 percent earned less than \$44,000 per year. The bottom 20 percent earned 3.2 percent of pre-tax income but paid only 1.1 percent in taxes; on the other hand, they earned less than \$15,000 a year. So the federal tax structure is somewhat progressive, but not obscenely so. The table is available

online at <http://www.taxpolicycenter.org/taxfacts/overview/egtrra.cfm>.

According to a Jan 21, 2003 article in the New York Times, if you consider all other taxes, not just the federal ones, the bottom quintile pays as much as the top, as a percentage of income. Of course, some might argue that a flat tax should mean the top 1 percent pays 1 percent of taxes, but such people are usually considered to be in the same category as flat-earthers.

The bottom of the income distribution does receive more in direct federal outlays than the top; on the other hand, the top gets much more of the indirect benefits, like the police (it stands to reason that you're more interested in not getting robbed if you're rich), the military, civil courts, even a healthier labor market than otherwise. And there are studies that show that even the direct outlays, which, being a tax-the-rich-to-help-the-poor sort of a thing, are expected to be heavily skewed toward the poor, aren't as skewed as you might expect, with 60% of federal cash payments in 2001 going to the bottom 40% of the population.

One should also note that if you look at the states that pay more in federal taxes than they receive in federal funds, you find quite a few bleeding-heart liberal north-eastern states, so arguably they're putting their money where their mouth is; and when they ask for federal bailouts, they just want their money back.

Finally, a rather mean-spirited nitpick: in his fourth paragraph, Mr. Nesmith opens by saying, "Never mind, for a moment, the hypocrisy that this position entails." His moment lasts only until the end of that sentence, however, since he immediately launches into a clichéd demonstration of that hypocrisy. Not all liberals are of the armchair variety: quite recently a couple of them died in Palestine, for example, and a lot more work in places like Zimbabwe, trying to help the local population. And on the other hand, not all conservatives are rugged, self-made individuals: witness the current President.

Moreover, it seems quite unreasonable to expect that you must starve yourself before you can appeal to feed the hungry. Perhaps you should not be allowed to complain about Evil until you've sold your own soul to the Devil?

Arvind Sankar is a graduate student in the Department of Mathematics.

# In Sports, Loyalty Can Hurt The Team

Vivek Rao

Ever notice how people in the professional sports world only mention the business and economic aspects of their line of work when they stand to profit? We hear players complaining all the time about how they deserve to be paid a salary comparable to their market value. Or owners griping about politicians who refuse to pony up the money needed to build a stadium, which they claim would be all the team needed to be a financially viable championship contender. And who can forget Jerry Maguire, a rather realistic portrayal of an agent determined to snag the biggest contract available?

Now don't get me wrong. I'm not here to wax poetically about the glory days when athletes played for the love of the game and cared not whether they made money. Such a notion is ludicrous. After all, professional sports are businesses above all else. Players and coaches should be encouraged to seek as high a wage as conditions dictate, while owners should not be excessively chastised for pursuing profits instead of victories.

Unfortunately, fans are the very last ones to accept this blatant and undeniable truth. They continue to buy tickets and satellite television packages, wear team merchandise, and collect paraphernalia, all while failing to adjust their standards to the quality of play they witness on the field, court, ice, or gridiron.

All of this can really be sized down and summed up by basic concepts of supply and demand. Professional sports teams supply one main product: a game. Sure, they sell caps and beach towels, hot dogs and beer, but when all is said and done, it is the game that draws people. Fans, meanwhile, demand this game, and they pay for it by showing up at the gate or watching it on television.

The problem is that there is often a far too huge disconnect between the quality of the product supplied and the demand for that product. When an owner opts not to spend the money required to assemble a talented team, inevitably the wins dry up and quality of play diminishes. However, while we demand quality and performance from everything else we buy in our daily lives — our food, our appli-

ances, our automobiles — we tend to subvert those high standards when it comes to following sports, all in the name of "loyalty," emphasis on the quotation marks.

For some reason, there is a wacky but established notion that says that a "loyal" sports fan is one who follows his team through thick and thin, who will show up for just as many games in a rebuilding year as a championship season. The notion is thick-headed and unproductive, and ultimately ends up undermining the team's future success.

The Boston Bruins are a perfect example of this phenomenon. Miserly owner Jeremy Jacobs views his franchise as a business operation — a perfectly reasonable stance — and as such, he is rarely willing to spend the money needed to attract top-class talent and produce championships. In a more ideal world, fans would respond to this business strategy by demanding fewer tickets and avoiding spending money on their favorite team, thereby forcing Jacobs to pursue some amount of talent in order to continue to profit. Sadly, Bruins fans instead forget about business and economics, and instead return to their lifelong emotional arguments of "loyalty," choosing to support the team even in times of dearth. A fan with a better sense of the big picture must realize that the only way to be loyal to one's team is to attend games when the team is performing at a high level, but limit following them during unsuccessful runs, relying primarily on the daily paper or the nightly news and severely cutting down trips to the stadium.

As a lifelong local, it pains me to say that my beloved Boston is the home of another useful case study, but of course, it is. A few miles away from the Bruins' home at North Station, the Boston Red Sox charge fans an average of \$42.34 to see a ballgame at Fenway Park. For some more perspective, consider that the second-highest average ticket price

in Major League Baseball is the New York Yankees' \$24.86, with an overall league average of \$18.69.

How is it that the Red Sox are able to get away with this highway robbery? The answer in part lies in the fact that fans realize that the team faces a major obstacle in the small size of Fenway Park. However, that is not the complete story. Sox fans are — in my humble opinion — even more "loyal" than their Bruin counterparts, and the results are both heavenly and disastrous. On one hand, the team has become a pillar of the city. On the other hand, it hasn't won a championship in 85 years. New owner John Henry, meanwhile, convinced that Fenway gate receipts and NESN television

subscriptions will not drop off in the near future, slashed the team payroll this year and opted not to go after a few talented players via free agency or the trade. And yet the fans will still be there, all season long.

The solution is clear; fans as a whole must find some way of boycotting — not necessarily completely, but, more realistically, partially — struggling and unproductive teams who produce a less than entertaining product. To be certain, some strides have been made. Throughout much of the country, losing teams often tend to draw smaller crowds, but the phenomenon is hardly universal. A number of franchises attract people regardless of their actual product, and the situation is simply infeasible financially — for fans, not owners, of course. The fault of high ticket prices in professional sports lies solely on the head of fans, as owners are merely exploiting the obscenely and unnaturally high level of interest that frequently accompanies even the lowliest of teams. Even if it may mean sacrificing some of my devotion to teams like the Red Sox, Celtics, and Patriots, I, for one, intend to follow through with my new philosophy. Well, starting tomorrow, that is. Tonight I head to Fenway. Come on, Pedro is pitching; can't miss that, right?

# The End Of a Long Race

Andrew C. Thomas

An event of no small importance happened earlier this week that went largely unnoticed by the general public: the Human Genome Project was officially declared completed. The project, collaborated on by a public consortium of universities and research facilities, most notably Washington University, the Sanger Centre in Cambridge, England, and MIT's own Whitehead Institute, sought to craft this golden blueprint and make it publicly available in the interests of science.

What is so fascinating to me, and other interested observers of the politics and economics of the scientific community, is that without corporate greed, we likely would not have had the benefit of this information for several years to come. The project became a race between the public consortium and Celera Genomics, who, according to the musings of Professor Eric Lander, director of the Project's efforts at Whitehead and noted celebrity instructor of Introductory Biology (7.012), had somehow arrived at the conclusion that the public effort wasn't moving quickly enough. Craig Venter, the head of Celera at the time, had declared that they could do it in an astonishing three years — setting a completion time of mid-2001.

What followed was a remarkable surge from the public effort, which wasn't entirely unanticipated; the project had set a reasonable schedule for progress in 1990. Prof. Lander's popular hypothesis, which he has put forth to an attentive audience on several occasions, is that Celera had not taken into account the possibility that the project could be scaled up with the advent of newly developed technology. Noting that Prof. Lander has a terrific sense of humor, most in the audience at the time likely realized that he was simply trying to take a fun poke at the competition. Prof. Lander's sense of fair play is certainly not in question; the consortium and Celera managed to call a truce in late 2000 to celebrate the accomplishment of both groups, that a draft sequence had been completed and analyzed. The draft had very interesting ramifications in itself — for example, the total number of genes that the genome is believed to carry reduced substantially, from 100,000 to 30,000.

The finish line of this race, it turns out, was when the entire genome had been sequenced and covered ten times — since most methods cannot determine the entire sequence at once, a considerable degree of overlap is required in order to ensure both that all sequences are in order, and acceptably error-free (since, as in cells, the ability to read DNA is far from perfect).

Celera's bold move was no small gamble. By finishing first, they would have indisputable control over the marketplace. Their method, the "whole genome shotgun", was considered unreliable in its early stages for the human genome, despite its success in the sequencing of *Drosophila melanogaster*. But by late 2001 they had declared absolute victory, claiming that they had available a "golden draft" with 10X coverage, and they would begin taking orders from laboratories, universities and other research institutions for use of the completed sequence.

Celera might have won the race, but they had a powerful silent partner — the public consortium itself. Their 10X coverage could only have been achieved in the speed it had if they made use of the public sequence in order to accomplish the overlap. So Celera was in fact marketing 5X coverage, which was at the time necessary to make sure the information was reliable, and using the beneficent policy of freedom of information as an advantage.

However, with the release of the public consortium's data this week, Celera's ready-to-order genome sequence is now a white elephant. This does not mean that the money and effort is wasted; the Celera machine has proven itself on the battlefield, and will no doubt hold a monopoly on future sequencing efforts. They aren't without competition. The genome of the virus that is believed to cause SARS was recently sequenced in a matter of days — an astonishing increase in speed — by several companies. And so even with the profit motives of Celera, and the next generation of sequencing startup companies, we are seeing a genuine benefit to society. For now, though, it remains to be seen whether the completed human genome sequence will grow a trunk and tusks of its own.

*There is a wacky but established notion that says that a 'loyal' sports fan is one who follows his team through thick and thin, who will show up for just as many games in a rebuilding year as a championship season.*



## ARTS

## CD REVIEW

*Pathetic, Yet Beautiful?**Aereogramme Combines Comforting Melodies with Weak Lyrics*

By Julie J. Hong

STAFF WRITER

*Sleep and Release*  
Aereogramme  
Matador Records

**D**uring the first twenty or so listens of Aereogramme's sophomore effort, *Sleep and Release*, I found the album, in a word, boring. The tracks were blasé and entirely forgettable, and if they weren't, it's because they were so bad. Imagine my horror then when I found myself outside a London club, asking my friend whom we were there to see, and he casually replied, "Aereogramme."

Being from Glasgow and on the Matador label might tempt one to think of Belle and Sebastian or Mogwai. Resist if possible; Aereogramme does not deserve the comparison. Their defining characteristic is not precocious melodies or experimental rock but instead, unfortunately, the juxtaposition of beautiful melodies with harsh satanic screaming.

As it turns out, they weren't so bad live, though I suspect my not having slept and being more than a little drunk may have influenced my opinion slightly. Aereogramme has a soothing quality, which perhaps explains the album's title. But do not be fooled.

*Sleep and Release* exists as an oxymoron because of its odd combination of frailty and anger, and it doesn't quite work. Unlike their first release, *A Story in White*, tracks in *Sleep and Release* segue into another, bleeding them together. Though this fails to disguise the obvious clash in Aereogramme's sound, it does delay the effect. Delays until the fourth track, that is. "Older," following three fairly mellow and somewhat ambient songs, appears at first to be straightforward rock

before shifting gears to a strained calm. Then the heavy, indecipherable screaming begins, and why the sound was previously so strained becomes clear. Fortunately, the screaming resurfaces only in "Wood." Unfortunately, it's even worse then.

This bleeding of tracks produces a cinematic effect, like scenes unfolding before you. But what's the story? *Sleep and Release* explores human form at its nadir. When he's not screaming, Craig B.'s strangely comforting voice seemingly contradicts his band's haunting lyrics, creating a disjointed irony in what he's saying and how he's saying it. "No Really Everything's Fine" (hardly a convincing title) opens with, "The reason we're all disfigured/I will say it again/The reason we're all disappointed/Is innocence lost," while "In Gratitude" features such encouragement as "I know in time we'll get out of this mess/We will get out of this mess." In "A Winter's Discord," there's "one last chance to hide upstairs," and "Black Path" repeats, "See how lifeless life can be." Need I say more?

Just in case one is still in doubt, "A Simple Process of Elimination" has at its end a pathetic voice that pleads, "Please get in touch with me. Please, please I need you. Help." The message is particularly unsettling when juxtaposed with a voice stating the date and time. Supposedly, this appeared on drummer Martin Scott's answering machine while recording the album.

As just shown, Aereogramme is lyrically weak. The very first lines of the opening track, "Indiscretion #243," are, "I'm listening like my father/Told me how to/And burning like my brother/Always knew I would." Another example of poor lyricism comes from "Black Path," with the lines, "It's time to follow the black path/Come tomorrow, you won't laugh at love/Face down you can

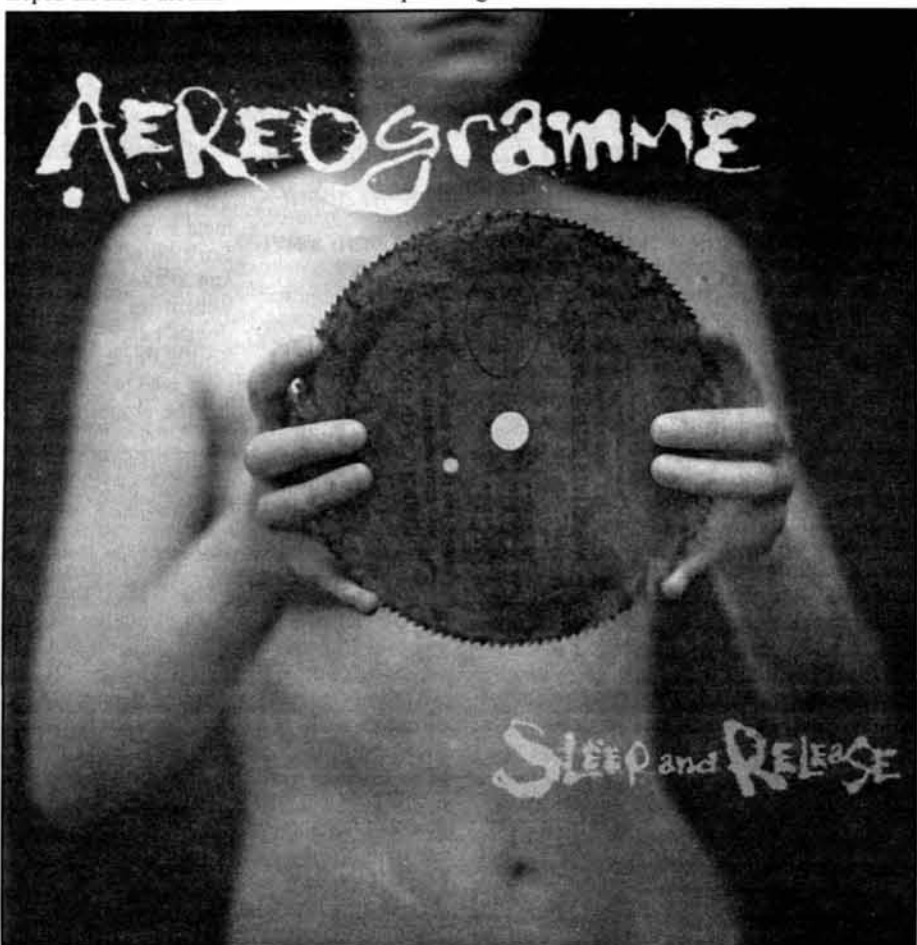
see the ground turn/From green and red, black to gray/Where everyone becomes afraid of you."

But who listens to lyrics nowadays? Apparently no one, if Celine Dion, Cher, Justin Timberlake, John Mayer, and Jennifer Lopez all have albums in Billboard's Top 50

this week.

Though at times it contains melodic discord with its despondent lyrics, *Sleep and Release* can be unbelievably beautiful. While not one song is particularly catchy, collectively they are the moments in this album that make it worth listening to.

However, Craig B.'s vocal ability is limited. He either perfectly exudes a certain vulnerability or screams death metal style and seems unable to decide which he prefers. In any case, he fails to pull it off. But if you're into that kind of thing, you can catch Aereogramme next Friday, April 25, with The Delgados at Paradise Rock Club.



## FILM REVIEW ★★

*'Ghosts of the Abyss' Sinks**Cameron Goes Overboard with the Titanic – Again*

By Vladimir Zelevinsky

ADVISORY BOARD

*Ghosts of the Abyss* (IMAX)  
Directed by James Cameron

**I**'m not sure I get it. Yes, James Cameron is clearly obsessed with the Titanic, but he already channeled this personal obsession of his into a (terrific, in my opinion) movie. I can also understand his desire to come back to the real thing, after a year spent around the replica set. Since he made untold millions from *Titanic* (and got Disney's financing for this project as well), he is most welcome to hire the world's top deep-diving experts, rent and/or design cutting edge equipment for deep-sea lighting and filming, and spend many weeks diving in amazingly engineered submarines, filming the wreck with 3D high-resolution camera to his heart's content. What I don't get is, why exactly should I care for any of this?

Rather unfair, I admit; any kind of a scientific exploration is exciting, especially if it's done under such extreme conditions and utilizing such amazing, borderline futuristic gadgetry. Only I'm afraid that nothing in *Ghosts of the Abyss* qualifies as scientific exploration. The opening ten minutes feel just right, with all the hustle and bustle on the deck of the expedition ship, people yelling English and Russian at each other, a sense of you-are-right-there augmented by crisp 3D visuals on a giant screen. Bill Paxton, whom Cameron invited to come along, is nicely self-deprecating as the narrator; and the whole thing effortlessly captures the feeling of the camaraderie of a bunch of top-notch professionals. Then the submarines go underwater, and from this point on, the film goes off the deep end.

There is nothing inherently fascinating in the wreck of the Titanic now; with all due

respect to the historical significance and the fact that it is, essentially, a tomb for thousands of people, it looks merely like a seaweed-encrusted heap of rusty metal. An hour gazing at it is at least fifty minutes too many; Cameron's decision to spiff up the visuals with costumed actors pretending to be passengers and crew on the fatal voyage induces more snorts than tears. It doesn't help that Paxton's unscripted voiceover is generic and repetitive, and that the actor clearly feels uncomfortable inside the submarine.

From what can be seen on the screen — and this is the main problem with *Ghosts of the Abyss* — there doesn't seem to be much point in Cameron's trip, even though a handful of scenes do hint at some fascinating undercurrents. There is a genuinely tense sequence with some nameless guy trying to secure the submarine during a violent storm, and a rather dark scene towards the close of the movie where a certain historic event changes the perspective on what's truly important.

The most fascinating potential subject of the film can be glimpsed in a few shots, but is largely ignored. Too bad, given that this subject is James Cameron himself. He's clearly driven by some irresistible passion for adventure, presenting a puzzle of a man who would spend many millions to explore a rusty old wreck (even the most famous of them all). A late scene of one robot rescuing another shows that he cares deeply about some things — namely, machines; but then again we are talking about a man whose most memorable characters include a cyborg and an alien queen. Humans are clearly not Cameron's forte — funny, given that he is much more interesting than all that seaweed-covered wreckage he keeps showing over and over and over again.

## FILM REVIEW ★★★

*No Crying in This Game**Nick Nolte a Solidifying Force in 'The Good Thief'*

By Jed Horne

STAFF WRITER

*The Good Thief*

Written and Directed by Neil Jordan

Starring Nick Nolte, Nutsa Kukhianidze, Said Taghmaoui, Marc Lavoine, and Tcheky Karyo

Rated R for sexuality, some language, and drug content

**I**'ll admit I was a little apprehensive about *The Good Thief*. I usually find Nick Nolte smug and obnoxious, and Neil Jordan, the director, is famous for *The Crying Game*, a movie that wouldn't be famous if it weren't gimmicky, and I hate gimmicky movies. But I've been wrong before, and I'm glad I didn't get it right this time. *The Good Thief*, unlike our little adventure in the Middle East, proves you don't have to shock to awe. The result is a low-key, sophisticated drama as entertaining as it is thoughtful.

Nick Nolte stars as Bob Montagnet, a petty gambler, heroin addict, and reformed thief living in Southern France. Just under the watchful eye of friend/parole officer Roger (Tcheky Karyo), Bob hatches the plot of a lifetime: a multimillion dollar art heist at the Casino Riviera in Monte Carlo. To pull it off, he goes cold turkey, quits gambling, and enlists a crew of low-lives and underworld types, including a prostitute (Nutsa Kukhianidze) saved from an abusive pimp (Marc Lavoine), a transsexual, two identical twins, and an assortment of Arabs on the run from immigration.

Those of you expecting *Crying Game*-style bombast from Neil Jordan — anyone who remembers the scene from that movie will know what I'm talking about — will be disappointed. Nick Nolte is low-key and smooth, and not in his usual obnoxious, pretentious way (cf. *The Prince of Tides*).

Bob's sophistication, raspy junk-edged sense of humor and uncanny luck doesn't grate the way the Nolte of ten years ago would have. Instead, his presence is reassuring, a rock in an otherwise chaotic world of miscreants and low-lives even if his mumbling is a little difficult to understand at times. True, there is the transsexual (Sarah Bridges) but her (his?) camp appeal is wisely limited to a couple of jokes.

French singer/songwriter Marc Lavoine is eerily menacing as Remi the pimp, and Tcheky Karyo does an admirable job as Roger the cop, Bob's alter ego, a co-dependent police officer as mindful of Bob as he is in awe of him. Since I had trouble following the twists and turns of the plot, I won't even try to give away what happens. But it's sort of beside the point, as this film is about the aesthetic.

A jazzy soundtrack, inventive stop-action photography, and an off-color sense of humor are what keep it alive. The characters serve to feed the film's mood rather than advance their own interests. I found myself rooting for Nolte's anti-hero even when I wasn't quite sure what was going on, and sympathizing with Remi even at his scummiest.

As the film's title suggests, there ain't no bad guys in this one. There were a few moments when I was a little irritated at myself for liking the movie so much. Nolte's off-hand references to pop-mathematics eventually get sort of annoying. While mostly successful, some of the cinematography is a little overboard. Almost everyone in the movie has a different accent, and it's a little tough to understand what's going on. But flaws are easy to overlook when you're having so much fun.



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SUGAR AND SPICE

# Willy Wonka, Move Over

## Ghirardelli, Baker's Prevail in the Great Chocolate Tasting Contest

By Marissa A. Cheng

"Sugar and Spice" is a new column (debuted last week as "Yummy Yummy") that we hope will transform you, the average MIT student, into an aficionado of all things food and food-like.

The first thing I notice about my bag of \$30 worth of chocolate is the aroma that literally fills the room when the bag is opened. Luckily, my backpack, which carried it back from the supermarket, smells like it too.

Unlike Hershey's, or even Ghirardelli, which is generally the most expensive chocolate I'm willing to pay to bake with, this chocolate smells like no other chocolate I've ever had — it has a warm, rich aroma that stays with you, rather than dissipating. It's beautiful.

I am about to embark upon my quest to find out whether or not the chocolate you bake with really matters. I bought six brands of chocolate — Baker's semisweet and unsweetened from the United States, Callebaut unsweetened (97 percent cacao) from Belgium, Valrhona Pur Caraibe (66 percent cacao) from France, El Rey Bucare-Mijao (58-61 percent cacao) from Venezuela, Ghirardelli Bittersweet from San Francisco, and Scharffen Berger Bittersweet (70 percent cacao) from California.

The plan: make one baked and one

unbaked dessert with chocolate — chocolate mousse and molten chocolate cakes. I'll taste it myself, as well as have other people taste, and see what I come up with.

Chocolate began as an unsweetened drink termed "food of the gods" by the Maya and the Aztecs. Though Christopher Columbus brought cocoa beans to King Ferdinand and Queen Isabella in 1492, chocolate didn't catch on until it was introduced to Spain as both a drink (now with sugar and vanilla added to it) and an opportunity for a lot of money.

Chocolate was so popular in Spain that Pope Pius V, in 1569, declared that drinking chocolate on Fridays wouldn't break the fast. In Germany, chocolate became so popular that a permit was required in order to buy it or eat it.

Chocolate is a mix of cocoa beans, cocoa butter, sugar, and vanilla. Milk chocolate includes condensed milk as well, and white chocolate contains cocoa butter, but no cocoa beans. Cocoa trees grow in tropical regions in South America and Africa, and yield football-shaped seed pods about the size of a lemon. After being harvested, they are fermented and dried, then bought by chocolate manufacturers. At the factory, the beans are cleaned, roasted to develop their flavor further, and have their outer shells removed. The remaining part of the bean, called the nib, is blended with other nibs according to the manufacturer's secret recipe, and then crushed into a paste called chocolate

liquor (though it contains no alcohol). Chocolate liquor can be poured off into molds and cooled as unsweetened chocolate, have cocoa butter and sugar added to it to make chocolate, or have most of the cocoa butter pressed out to produce cocoa.

Back to the tasting. After finding that it is somewhat trying to make mousse six times in a row on a Saturday morning at 7:30 a.m., I am finally through at 11 a.m. I'm kind of miffed that it took that long. And I still have the molten chocolate cakes to go.

The long and short of it is that I put most but not all possible care into the molten chocolate cakes. Some are a bit soupy in the middle (not baked long enough) and some are too cakey (baked too long). I hope it won't be too noticeable. It takes a long time to chop chocolate, so by now it's 2 p.m., time for people to start tasting what I've made as I think guiltily about the problem set and the 12-page paper due Monday.

Each of my eight-person tasting team (including me) samples the mousses and cakes and ranks them by their numbers. Nobody really liked El Rey at all — it placed in the top three of a taster's preferences just once, with a rather off flavor that was reminiscent of bad coffee. Scharffen Berger was also a no go,

with a weak, underdeveloped taste. The Valrhona incited a love-it-or-hate-it phenomenon, which was especially apparent with the mousse.

Not surprisingly, given the size of the testing pool, results were fairly scattered, but it was clear that the most-liked chocolate for the mousse was a tie between the Callebaut and the Ghirardelli. More than one person termed the Callebaut mousse as tasting "very different," and in my opinion, it had the richest and most complex flavor. The Callebaut didn't fare so well in the cakes; instead, it resulted in a tie between not the expensive chocolates, but between the Ghirardelli and Baker's chocolate. So much for the much-vaunted prestige of premier chocolates.

My expert advice to you: stick with the Baker's and the Ghirardelli. If you really want something different, go for the Callebaut, but as always, the secret ingredient to any recipe is love.



DANIEL BERSAK—THE TECH

## Clubs

### Axis

13 Lansdowne St., 617-262-2437  
Sundays: See Avalon below.  
Mondays: *Static*. Gay, casual dress. \$5, 18+.  
Thursdays: *Chrome/Skybar*. Progressive house, soul, disco; dress code. \$10, 19+; \$8, 21+.  
Fridays: *Avalon*, with Avalon.  
Saturdays: *Xnight* (rock, alternative, techno, hip-hop) downstairs and *Move* (techno) upstairs.

### Avalon

15 Lansdowne St., 617-262-2424  
Sundays: *Gay Night* (with Axis on long weekends). Featuring hardcore house and techno. \$10, 21+.  
Thursdays: *International Night*. Euro-house. \$10, 19+.  
Fridays: *Avalon*, with Axis. House. \$15, 19+.  
Saturdays: *Downtown*. Modern house, club classics, and Top 40 hits. \$15, 21+.

### Karma Club

9 Lansdowne St., 617-421-9595  
Sundays: "Current dance favorites" by guest DJs. Cover varies.  
Tuesdays: *Phatt Tuesdays*. With Bill's Bar, modern dance music. \$10.  
Wednesdays: *STP*. Gay-friendly, house. \$15, 21+.  
Thursdays: *Groove Factor*. House.  
Fridays: *Spin cycle*. Prog. house. 19+.  
Saturdays: *Elements of Life*. International House. \$15.

### ManRay

21 Brookline St., Cambridge, 617-864-0400  
Wednesdays: *Curses*. Goth. Appropriate dress required. \$5, 19+; \$3, 21+.  
Thursdays: *Campus*. Popular tunes, House. Gay, casual dress. \$10, 19+; \$8, 21+.  
Fridays: *Fantasy Factory* (First and third Friday of the month. Features kinky fetishes and industrial music.) *Hell Night* (every second Friday.) 19+. Includes Goth music. *Ooze* (the last Friday of the month.) \$10, 21+. Reduced prices for those wearing fetish gear.  
Saturdays: *Liquid*. Disco/house and New Wave. \$15, 19+; \$10, 21+.

## Popular Music

### Axis

13 Lansdowne St., Boston, MA. 617-262-2437

Apr. 18: Subhumans  
Apr. 19: Ben Kweiller  
Apr. 20: Madball  
Apr. 22: Nothingface  
Apr. 26: Throne  
Apr. 27: Blackalicious  
May 3: Grand Drive  
May 5: Yellowcard  
May 8: Melissa Ferrick  
May 11: Give up the Ghost  
May 15: Ash

### Avalon

15 Lansdowne St., Boston, MA. 617-262-2424

Apr. 25: Finch, Snapcase

# On The Town

A weekly guide to the arts in Boston

April 18 – 24

Compiled by Devdoot Majumdar

Send submissions to [ott@the-tech.mit.edu](mailto:ott@the-tech.mit.edu) or by interdepartmental mail to "On The Town," The Tech, W20-483.

May 2: The Roots  
May 4: lagwagon  
May 9: AFI  
May 10: Soulfly  
May 12: Pete Dinklage  
May 18: Juanes  
May 16: Kottonmouth Kings  
May 28: Stonestour, Powerman 5000, RA, Outspoken  
June 3: Ziggy Marley

### Club Passim

47 Palmer St., Cambridge, MA. 617-492-7679  
Tuesdays: *Open Mic* at 8 p.m. (sign up at 7:30). \$5. See <http://www.clubpassim.com> for complete schedule

Apr. 18: Diane Zeigler  
Apr. 19: Vance Gilbert  
Apr. 20: Speechwriters  
Apr. 23: BMOP  
Apr. 24: Deb Talan, Jennifer Kimball  
Apr. 25: Rani Arbo  
Apr. 26: Christopher Williams

### FleetCenter

One FleetCenter, Boston, MA. 617-931-2787

May 12: Matchbox 20  
June 19: Dixie Chicks, Michelle Branch

### The Middle East

Central Square, 617-354-8238  
Ticketmaster: 617-931-2787.  
Venue has two floors. Upstairs (U), Downstairs (D)  
<http://www.mideastclub.com>

Apr. 18: DJ Benny Blanco  
Apr. 19: Gigi, Adams  
Apr. 20: Postal Service  
Apr. 21: Califone  
Apr. 22: Midget Jesus  
Apr. 23: Oranges Band  
Apr. 24: Throwing Muses  
Apr. 26: Plan B, Mappari  
Apr. 27: Parker Houe & Theory  
Apr. 28: Sumo, Since by Man  
Apr. 29: Ozma  
Apr. 30: Supersuckers, The Forty Fives, Throw Rag

### Orpheum Theatre

1 Hamilton Pl., Boston, MA. 617-679-0810

Apr. 19: Ellen Degeneres  
Apr. 25: Doors of the 21st Cent.



BIG HASSLE PR

With that warm, fuzzy Dave Matthews feel, Ben Kweiller brings his soaring ballads to Axis with Adam Green and Kings on Leon this Saturday; tickets \$14.

Apr. 26: Bonnie Raitt, John Mayer  
Jun. 7: Lou Reed

### Paradise Rock Club

967 Commonwealth Ave., Boston, MA. 617-562-8804

Apr. 18: Jen Durkin & Bomb Squad, Donna the Buffalo  
Apr. 19: Spookie Daly Pride  
Apr. 20: The Samples  
Apr. 21: The Wallflowers  
Apr. 23: Afro-Cuban All Stars  
Apr. 24: Adult  
Apr. 25: The Delgados  
Apr. 26: Matt Nathanson  
Apr. 27: Damien Rice  
Apr. 28: Lifehouse  
Apr. 30: Dixie Dregs  
May 2: Stephen Lynch  
May 3: Costeau  
May 6: Yeah Yeah Evans  
May 16: Steve Malkmus

### Tsongas Arena

50 Foster St., Worcester, MA. 508-755-6800  
<http://www.centrumcentre.com>

May 2: Cher, Don Irrera  
Jun. 13: Bill Gaither Homecoming

## Jazz

### Regattabar

1 Bennett St., Cambridge, MA. 617-662-5000, <http://www.regattabar.com> Usually two shows nightly, call for details.

Apr. 18-19: Kenny Barron  
Apr. 22: The Aquiles Baez Quartet  
Apr. 23: Gargonz  
Apr. 24: Dominique Eade Quartet  
Apr. 25-6: Michael Camilo Trio

### Ryles Jazz Club

212 Hampshire St., Cambridge, MA. 617-876-9330  
Venue has two floors. Upstairs (U), Downstairs (D)  
<http://rylesjazz.com>

Apr. 18: Fernando Huergo Group  
Apr. 19: Bebop Guitars  
Apr. 22: Brian Auger's Oblivion Express  
Apr. 23: Pete Robbins  
Apr. 24: Los Changos CD Release Party  
Apr. 24: Temporada Latina  
Apr. 26: Egue Castrillo  
Apr. 29: Tim Miller Group

### Scullers Jazz Club

DoubleTree Guest Suites, 400 Soldiers Field Rd., Boston, 617-562-4111. <http://www.scullersjazz.com>. Call for schedule.

Apr. 18-19: Gato Barbieri  
Apr. 22-23: Kenny Garrett  
Apr. 24-26: Keely Smith  
Apr. 30: Tower of Power

## Classical Music

### Boston Symphony Orchestra

Tickets: 617-266-1492.  
Performances at Symphony Hall, 301 Massachusetts Ave., Boston, unless otherwise noted. Student

rush tickets, if available, can be obtained at 5 p.m. on the day of the concert (one ticket per person). <http://www.bso.org>

### FleetBoston Celebrity Series

20 Park Plaza, Suite 1032, Boston, MA 02116. 617-482-2595. Venues vary by concert, consult Web site for further details. <http://www.celebrityseries.org>

## Theater

### Comedy Connection

Mon.-Wed. at 8 p.m.; Thurs. 8:30 p.m.; Fri. and Sat. 8 p.m., 10:15 p.m.; Sun. 7 p.m. The oldest comedy club in Boston. At 245 Quincy Market Place, Faneuil Hall, Upper Rotunda, Boston. Admission \$8-20. Call 617-248-9700 or visit <http://www.comedyconnection-boston.com>.

## Exhibits

### Isabella Stewart Gardner Museum

280 The Fenway, Boston. (617-566-1401). Tues.-Sun. 11 a.m.-5 p.m. Admission \$10 (\$11 on weekends), \$7 for seniors, \$5 for students with ID (\$3 on Wed.), free for children under 18. The museum, built in the style of a 15th-century Venetian palace, houses more than 2,500 art objects, with emphasis on Italian Renaissance and 17th-century Dutch works. Among the highlights are works by Rembrandt, Botticelli, Raphael, Titian, and Whistler. Guided tours given Fridays at 2:30 p.m.

### Museum of Fine Arts

465 Huntington Ave., Boston. (617-267-9300). Mon.-Tues., 10 a.m.-4:45 p.m.; Wed., 10 a.m.-9:45 p.m.; Thurs.-Fri., 10 a.m.-5 p.m.; Sat.-Sun., 10 a.m.-5:45 p.m. West Wing open Thurs.-Fri. until 9:45 p.m. Admission free with MIT ID. Currently on exhibit until Oct. 20 is "Jasper Johns to Jeff Koons: Four Decades of Art from the Broad Collections," an exploration of contemporary artists ranging from those named above to Warhol to Lichtenstein.

### Museum of Science

Science Park, Boston. (617-723-2500). Daily, 9 a.m.-5 p.m.; Fri., 9 a.m.-9 p.m.; Sat.-Sun., 9 a.m.-5 p.m. Admission free with MIT ID, otherwise \$9, \$7 for children 3-14 and seniors. The Museum features the theater of electricity (with indoor thunder-and-lightning shows daily) and more than 600 hands-on exhibits. Admission to Omni, laser, and planetarium shows is \$7.50, \$5.50 for children and seniors.

## Other

### Harvard Film Archive

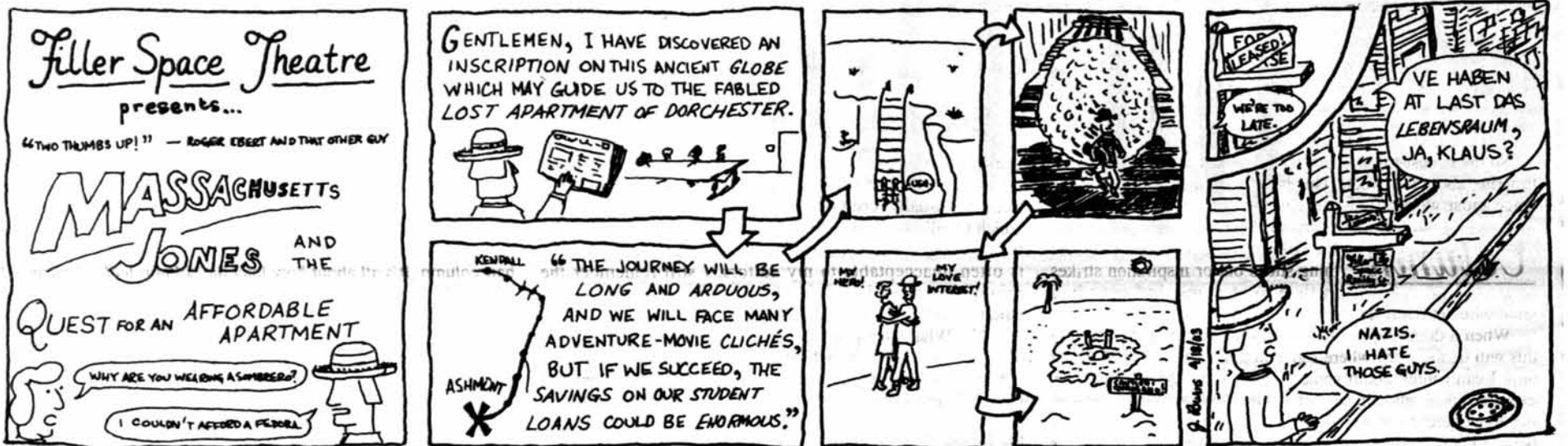
465 Huntington Ave., Boston. (617-267-9300). Mon.-Tues., 10 a.m.-4:45 p.m.; check <http://www.harvardfilmarchive.org> for more details.

### Worcester's Centrum Centre



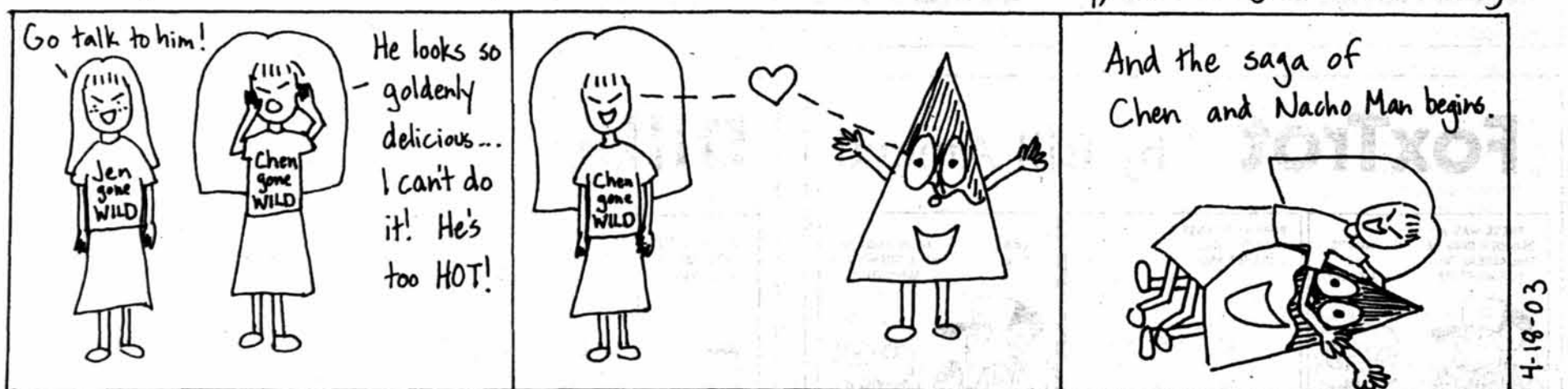
## INSTITUTE MADNESS!

ALISON WONG

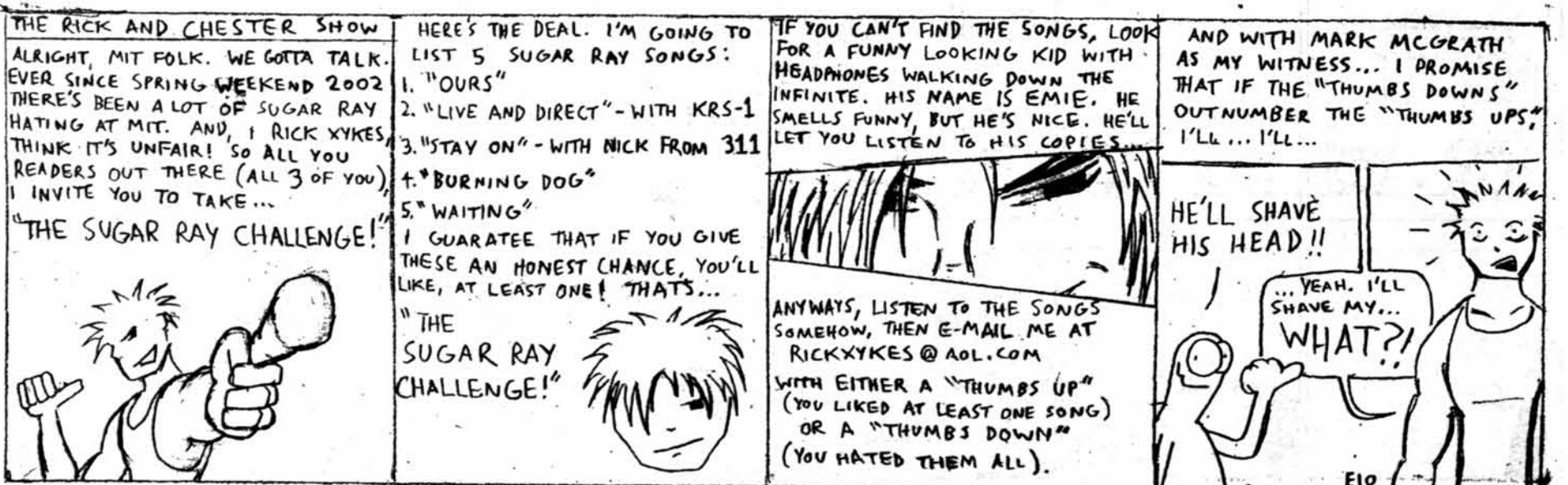


## Hay Fever on Spring Break

By Qian Wang and Jennifer Peng



E-mail us your comments -JPeng







Self-Reflexive Comics



# Down the Hatchet

Six Hundred Words or Else

So the honest-to-goodness truth is that I have no idea what to write about this week. This is not a unique position for me since most weeks find me dawdling about on Wednesday afternoon, bugging everyone I know for column topics. Usually something sticks out or inspiration strikes in time to save me, but once in a great while, it doesn't.

When it doesn't, I'm often stuck thinking about how maybe this will be the week where I give in and write a column about how I can't think about something to write about. This is an extreme "break glass in case of an emergency" case we're talking about here, so be sure to evacuate the building when it happens. Luckily, drastic measures were narrowly avoided this week when I finally decided what to write this column about: my friend, my foe, the harsh task-master that is: Word Count.

You see, my columns, theoretically, should be around 700 words long. This may not sound like a lot, given that your average rant about penguins can carry you for almost 50

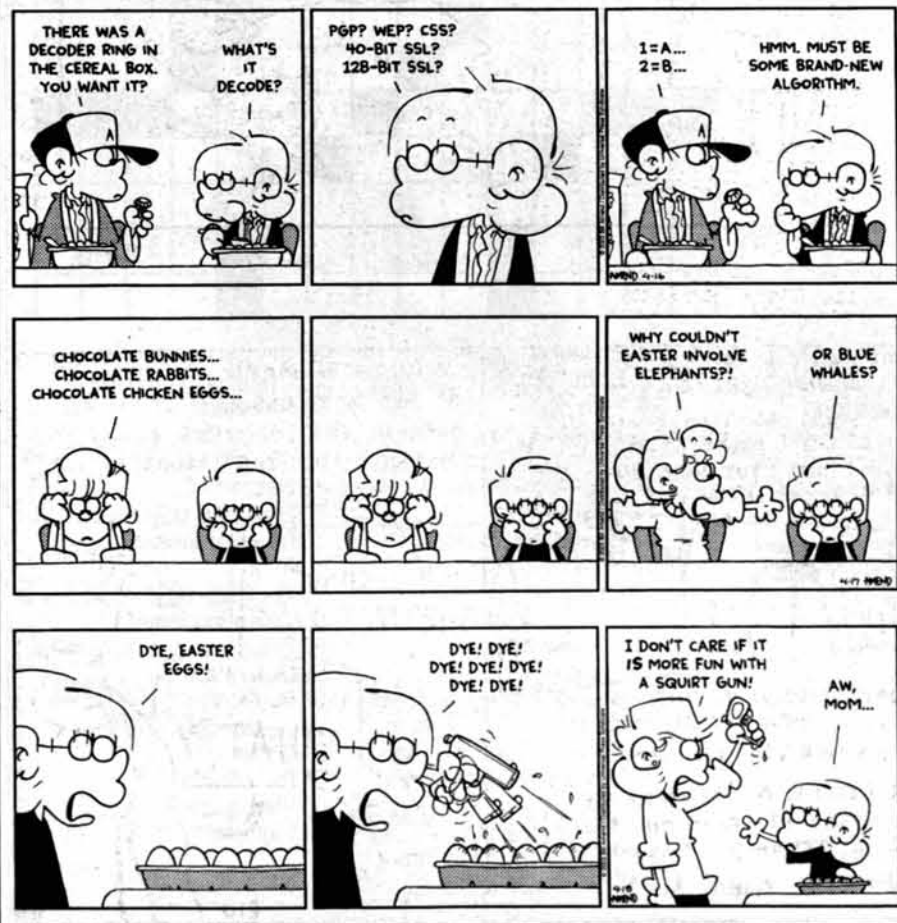
words, but it's really quite a bit. I'm usually happy to break the bare minimum of 600 words. These are momentous occasions that usually result in me shouting and doing a little dance which usually gets me kicked out of whatever lecture I happen to be writing my column in at the time. Anything less than 600 is often unacceptable to my editors. I still remember the painful time when I tried to submit a 598 word column-- my editors shouted at me and threw the column in my face; it was horrible. What's really memorable about that scarring event is that I totally made it up, which isn't too hard to figure out considering I submit my columns via e-mail. The only contact I have with my editors is an occasional call telling me that what I wrote was totally incomprehensible, and would I mind terribly if they just rewrote the entire thing since I obviously have, at most, a tenuous grasp of the English language.

Anyway, it's very useful to have this little gizmo built into my pseudo-legitimate copy of Microsoft Word that tells me whether or not submission at this point will enter me into a world of pain. It really makes you wonder about why we use

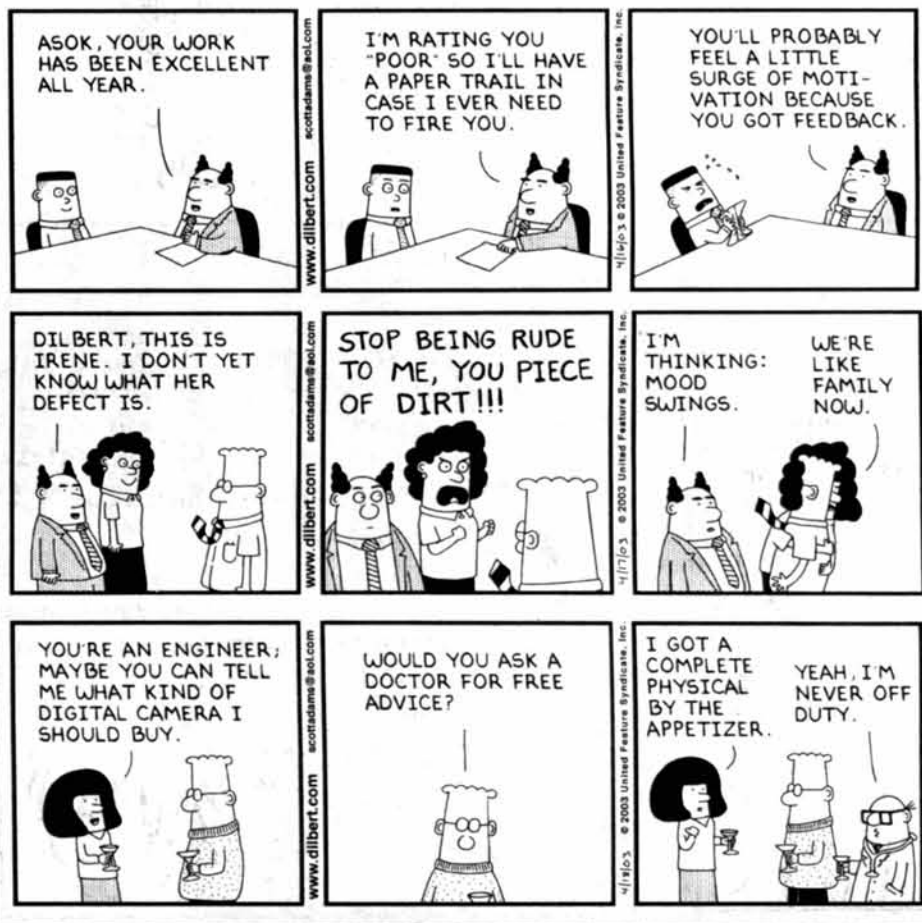
word limits, though. Shouldn't it be a character limit? I mean, if I write a column about elevators, I shouldn't have to write as much as a column about socks. Seriously, "elevators" is like two times as long as the word "socks." I should only have to write half as many words in an elevator column as in a sock or hair column. It's all about how long the column looks. I mean it's not like anybody reads them anyway. They all just go, "hey, Akshay wrote a nice full grey box there. Yup, looks like he got a whole lotta letters in there. Good for him. Glad he can still come up with quasi-distinct ways of pounding his head against a keyboard to come up with these utterly random columns full of totally meandering sentences that seem like they're never going to end even though they're, like, totally examples of those 'run-on' things that my English teacher used to tell me about."

I mean, shouldn't quality count? Shouldn't really long words (the hallmark of intelligent writing) count for more than short little stupid words like "the," "like," and "yam?" But no, it's all about the Word Count. Fascists.

## FoxTrot by Bill Amend



## Dilbert by Scott Adams





Events Calendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the Events Calendar web page.

**Friday, April 18**

5:00 p.m. – AMP (Advanced Music Performance) Student Recital. Daniel Stein '04, flute. J.S. Bach's "Partita in a minor for Solo Flute" Fauré's "Violin Sonata in A major" work by Eugène Bozza and a piece by Geoffrey Kidde composed in 2002.

10:30 p.m. – **Die Another Day**. \$3. Room: 26-100. Sponsor: LSC.  
10:30 p.m. – **The Lady and the Duke**. \$3. Room: 10-250. Sponsor: LSC, Culture Services of the French Embassy and the French Ministry of Culture.

**Saturday, April 19**

**7:30 p.m. - 11:00 p.m. - 2 Free Chinese Movies-Chinese Culture Week.** 2 Movies per night Wed-Sunday. Saturday Movie 1: Comrades: Almost a Love Story (Tian mi mi) <http://us.imdb.com/Title?0117905>; Movie 2: King of Masks, The (Bian Lian) <http://us.imdb.com/Title?0115669> For more coming movie shows, please visit MIT

**10:00 p.m. - Adaptation.** \$3. Room: 26-100. Sponsor: LSC.

**Sunday, April 20**

**10:00 p.m. – Adaptation.** \$3. Room: 26-100. Sponsor: LSC.

**Monday, April 21**

**9:00 p.m. - 1:00 a.m. - Trivia Night at the Thrifty Ear.** Every Monday is Trivia Night. Bring a team and compete for great prizes like DVDs, CDs, sports tickets, movie passes, and MORE!! The Thrifty Ear Pub is located in the basement of Ashdown House. Enter through the courtyard. Free. Room: The Thrifty Ear Pub. Sponsor: Graduate Student Council. The Thrifty Ear Pub.

**Solution, page 20**

1 Magic charm  
2 Broad-minded  
3 Remaining

35 Shelters a fugitive, e.g.  
37 Coeur d'\_\_\_, ID  
39 Palliated  
42 Longs (for)  
43 Church vestry  
48 Heaps  
50 Diamond coverage  
53 Early American patriot  
Allen  
55 Western state capital  
56 Close to closed  
57 British work schedule  
58 Gull relative  
60 Eliel's son  
62 \_\_\_-do-well  
63 Chills  
64 Relinquish  
66 Flap gums  
67 Viewed



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Board of Trustees

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<http://web.mit.edu/alum/corpballet>

participate – designate  
make a difference

**polls close on April 30**

Questions?  
contact Bonnie Jones at 3-8212  
or [jonsey@mit.edu](mailto:jonsey@mit.edu)

From the Director of "Best In Show"  
and "Waiting for Guffman"



BACK TOGETHER FOR THE FIRST TIME, AGAIN.

# A MIGHTY WIND

CASTLE ROCK ENTERTAINMENT PRESENTS "A MIGHTY WIND" BOB BALABAN CHRISTOPHER GUEST JOHN MICHAEL HIGGINS  
EUGENE LEVY JANE LYNCH MICHAEL MCKEAN CATHERINE O'HARA PARKER POSEY HARRY SHEARER FRED WILLARD

MUSIC PRODUCED BY C.J. VANSTON EDITED BY ROBERT LEIGHTON PRODUCTION DESIGNER JOSEPH T. GARRITY

DIRECTOR OF PHOTOGRAPHY ARLENE DONNELLY NELSON PRODUCED BY KAREN MURPHY

**PG-13** PARENTS STRONGLY CAUTIONED  
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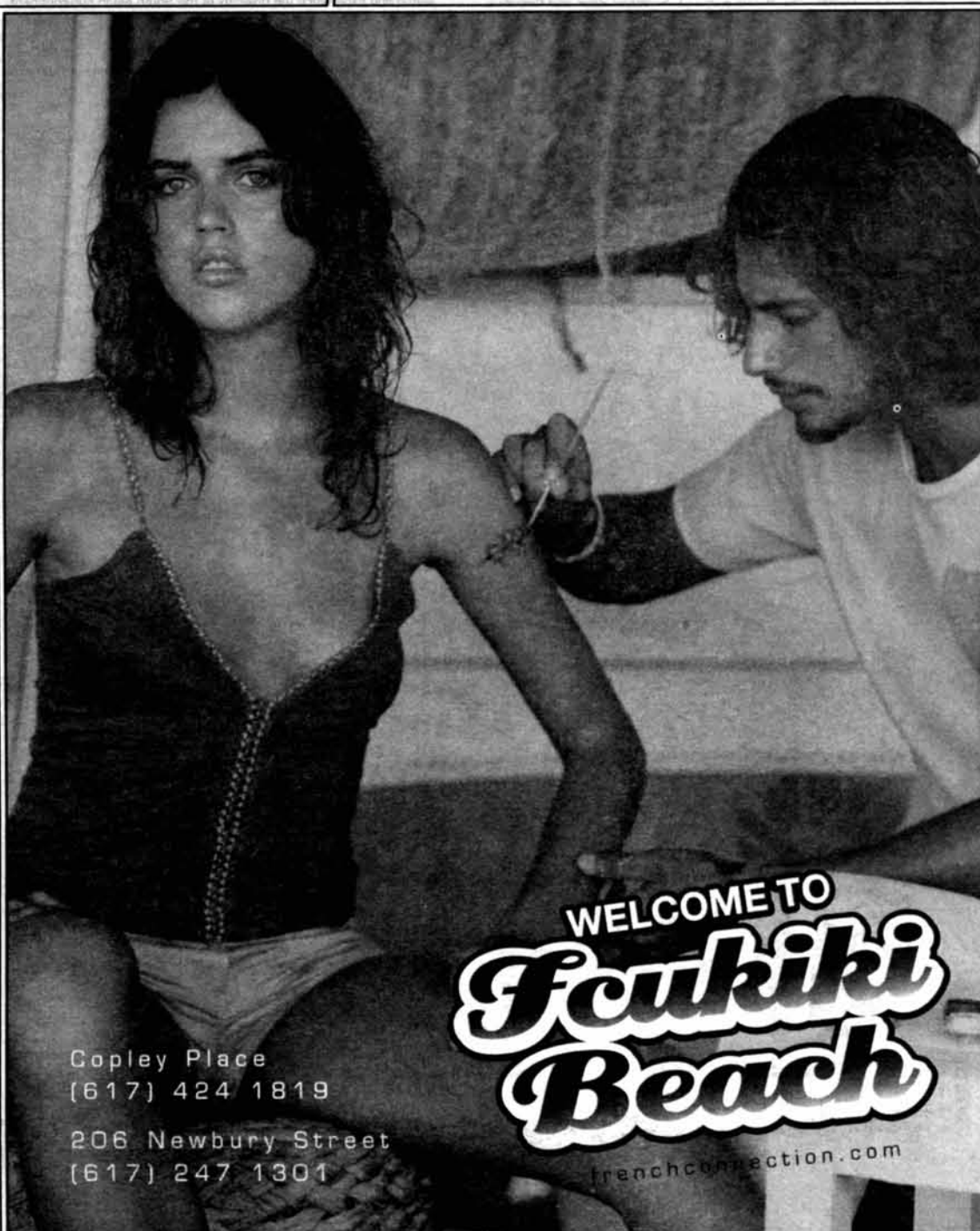
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# Rhee Suicide First in MIT Community Since 2001

Rhee, from Page 1

of Elizabeth H. Shin, whose parents are currently pursuing a wrongful death suit against MIT.

There have been a total of 43 suicides at MIT in the last 38 years.

Many of the recent student deaths have raised larger questions for MIT to address. Shin's death,

for example led to a controversy about the effectiveness of MIT Medical's mental health counseling and the importance of confidentiality.

Ultimately, Shin's parents decided to file a lawsuit against MIT, calling into question MIT's decision not to inform them that Shin spoke about committing suicide to the doctors she saw at MIT Medical.

Carpenter's suicide forced MIT to reevaluate its policies on harassment after an harassment incident possibly related to her death.

Since Shin's suicide, MIT Medical has taken steps to make its mental health program better known among students and also easier to access. Students can receive immediate assistance on the phone or,

usually, come in the same day for an appointment.

Chief of Mental Health Services at MIT Medical Alan E. Siegel said that the counselors "see a whole range of people who have problems and concerns," including stress, substance abuse, loneliness and depression.

Siegel said that when confronting someone who is contemplating suicide, "the most significant thing that helps people who are really depressed are a network of friends."

"If you have a friend who's depressed, you want to be helpful," he said, but you should not "feel like you have to solve the problem yourself."

## Rhee's legacy a love for music

Rhee's passion outside of her research was performing and enjoying music, and one of her greatest gifts to MIT was founding the Ptolemy Players.

Consisting of current and past students, Ptolemy fills a gap in the opportunities for performance and enjoyment of music at MIT.

Ptolemy is "really an opportunity

for musicians to get together over the off season" and play, said Peter Jung '01, a cellist in Ptolemy. Rhee was in charge of organizing each concert and would choose the theme of each concert, Sarwate said.

She had "a lot of contacts in the Boston music scene," he said, and in one case contacted the composer of a piece they were playing and got him to come listen to the group and give suggestions.

It was "eye-opening for me to have that kind of support for" chamber music, he said. "I think her passion for music and her need to share music with the community was really something special."

She had an "incredibly dry, cynical sense of humor," Mukherjee said, and she was "very much herself and never tried to fake being anyone else."

Sarwate said that the Ptolemy Players were organizing a memorial concert for Rhee to be held possibly May 17 or 24.

Rhee, 33, was a McDonnell-Pew postdoctoral fellow in Professor Steven Pinker's lab in the Department of Brain and Cognitive Science.

Rhee received her undergraduate degree from Harvard in 1993 and then a PhD in cognitive neuroscience from MIT in 2001. She is survived by her parents, a brother and a sister.



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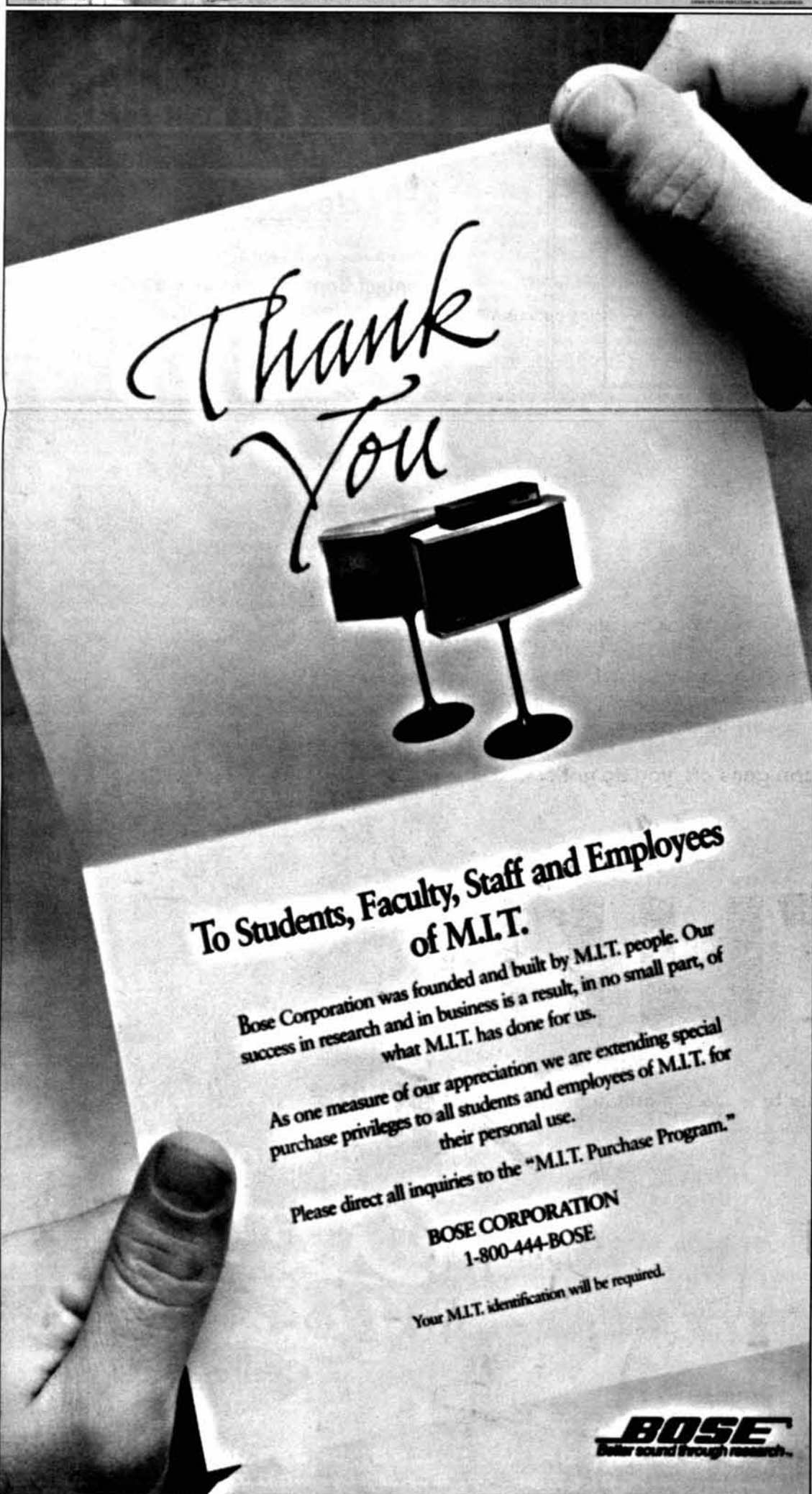
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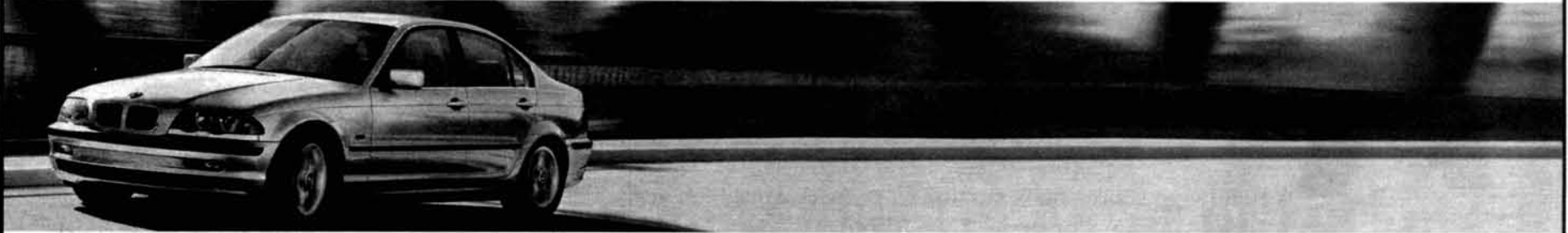
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# Matchup Creator Contacts Over 100 Participants

Matchup, from Page 1

the MIT Young Alumni Club said that Monsarrat contacted at least one woman after she repeatedly asked him to stop, and quotes Monsarrat as saying to one participant, "you've made me wait too long; I am getting impatient."

The complaint also mentioned Monsarrat's communication with another participant.

"He started sending her charts of his weight loss, promising that he would lose more weight in the future ... and begging her to meet up with him," DeSario said.

Monsarrat referred to the second attempt at contacting each match as a "follow up e-mail" and said that he used two form e-mails when contacting a potential match.

The second e-mail, Monsarrat said, included the text "Forgive my persistence. And I know you're busy. Life is short, and I just hate to lose a good opportunity. I don't want to be rude, though, so ... if you don't reply I'll have to give up on you."

## E-mails not legally harassment

De Sario said that she met with Harvard University police last Friday and that a "cease and desist" letter will be sent to Monsarrat informing him of police involvement in the matter and saying that further e-mails to Harvard students will result in criminal prosecution.

Monsarrat said that he has not been contacted by either the MIT or Harvard University police.

DeSario said that the e-mails would probably not legally be considered harassment, but that "certainly what we have here is an unethical situation."

Abuse and harassment, Monsarrat said, are "very loaded words".

He called the complaints "flame wars" and said, "most people don't take editorials in the student newspaper seriously. I don't think they'll believe the flame wars," Monsarrat said.

## Survey information mishandled

DeSario estimates the number of people repeatedly contacted by Monsarrat as "potentially hundreds of people," though she says she personally knows of only 10 who have come forward.

"Just about everybody I've talked to at Harvard Law School has been contacted by this guy," DeSario said.

Monsarrat, who also participated in the matchup service, said that he had heard of complaints about his personal use of data from the service, but said "I kind of don't get that. I signed up like everybody else. There was no privacy policy."

Monsarrat said that he received 100 matches through the matchup, and contacted all of them. Each participant in the matchup was given 20 possible matches and people who referred a friend got more than 20.

Monsarrat said that he referred a friend, and called the fact that he received 100 matches "not at all unusual," though he was "the only volunteer" who received that many

matches.

Participants in the matchup were paired using computer software that Monsarrat said he designed after what he considered to be a good match to him. He then generalized the properties of a good match and used the software to give participants their matches.

## SIPB granted Web address

Some members of the Student Information Processing Board, which was responsible for granting Monsarrat the Web address used for the matchup's Web site, recognized the questionable uses that the matchup could have. The matchup Web address points to Monsarrat's home directory on Athena.

"I totally think it's a way for [Monsarrat] to get dates," said Richard J. Barbalace '97 in a SIPB zephyr conversation on Feb. 8, recorded in SIPB's zephyr logs. "Why would anybody ever set up any type of matching service unless a) they were trying to make money, and/or b) they were trying to get dates? ... But that seems like a perfectly fine fringe benefit to organizing it."

"I would actually worry that he's going to contact them at a later date, under some other pretext, and in bulk," replied Camilla Fox '00. "You don't ordinarily expect a dating service to expose you to that, or for a dating service creep to contact everybody."

Monsarrat said he hopes to run the matchup again in June, this time

offering participants unlimited matches. The new version of the matchup, Monsarrat said, will allow participants to search the database.

SIPB Chair Chris T. Laas G said

in an e-mail that "at this time, the SIPB has received no official complaint. We will rely on the judgment of the MIT authorities" in the matter of a June matchup.



Noelle Kanaga '06 gets the ball in Tuesday's lacrosse game against archrival Wellesley. The last regular season home game for Women's lacrosse ended in a loss for MIT with a score of 11-6.

## Verghese Wins This Year's Big Screw

Candidate	Final Donations
Professor George C. Verghese (6.011)	\$384.87
Associate Dean Robert M. Randolph	\$174.57
Associate Dean	
Julie B. Norman (Orientation Schedule)	\$92.27
Professors J. David Litster and John W. Belcher (TEAL)	\$85.35
Professor Frank Wilczek (8.012)	\$56.65
Dean Robert P. Redwine	\$54.42
Professor Wesley L. Harris (Unified)	\$40.28
Professor Gerald J. Sussman (Scheme)	\$34.93
Professor John V. Guttag (6.170)	\$34.60
Tony Eng (6.001)	\$28.88
Dean Kim J. Vandiver	\$7.67
Professor Janet Schrenk (5.111)	0.78
Write-ins	\$9.53
<b>Total</b>	<b>\$1004.80</b>

Above are the final donation totals for each candidate in the annual Institute Screw competition, which ended last Friday. The competition is sponsored every year by Alpha Phi Omega to collect money for charity.

SOURCE: ALPHA PHI OMEGA



BRIAN HEMOND—THE TECH

Big Screw winner and 6.011 professor George C. Verghese accepts the Screw from Alpha Phi Omega member Janet Leung '05.

## Judge Rules in Favor of Lockheed

Lockheed, from Page 1

Lim's 18 digital television patents are among the most valuable jewels of MIT's patent portfolio, and his cooperation with Dolby Laboratories Inc. in 1993 eventually led to \$30 million for MIT as a result of an MIT-Dolby lawsuit settlement last April.

But this time, Lim is in an unusual position: the Technology Licensing Office believes, Turner said, that the customers of DVSI's techniques and microchips are infringing a 1989 MIT patent issued for an invention by two Lincoln Lab researchers, Dr. Thomas F. Quatieri ScD '80 and Robert J. McAulay. (The patent was reissued in 1999 as U.S. Patent No. RE 36,478, "Processing of acoustic waveforms.")

Those customers include the Iridium, Inmarsat, and ICO global satellite telephone systems, as well as several other mobile radio communications systems.

"The speech codec [compressor-decompressor] in this system was developed completely by DVSI," said Suat Yeldener, a former Lockheed employee who advised the company in the lawsuit.

Despite this belief that Lim's company sells a product that infringes an MIT patent, MIT is unlikely to sue other DVSI customers, Turner said. "Given the position we've taken [not to appeal] in the suit we did file, I don't think there is still a suit to be filed," he said.

Lim, who is on sabbatical, did not reply to an e-mail request for comment late Thursday. Quatieri and representatives of Lockheed did not return calls for comment. McAulay could not be reached for comment. Robert Maher, the director of sales and marketing for DVSI, said he was not familiar with the lawsuit and abruptly hung up on a reporter who was asking for information about the company.

## Both systems developed at MIT

DVSI's technology, known as "multi-band excitation" speech compression, or MBE, was also developed at MIT, said a person familiar with the lawsuit who spoke on condition of anonymity.

"The basic concept in MBE was to take the signal and divide the signal into multiple frequency bands and to make a voiced/unvoiced deci-

sion for each band," this person said.

A "voiced/unvoiced decision" refers to the efforts of a computer to determine whether it is trying to compress a section of speech that consists of "voiced" sounds, such as most vowels, or "unvoiced" sounds, such as the letters "s" and "t".

These decisions exist in almost all speech compression techniques, this person said, but "MBE generalized it and made it work better" by making the decisions separately for different frequencies.

Quatieri and McAulay, who also developed their method in the mid-1980s, did not work with the MBE developers at MIT's Research Laboratory of Electronics, this person said.

Quatieri and McAulay "worked at Lincoln Lab, and the whole MBE stuff got its start in RLE on campus," this person said.

Several of those RLE researchers now work at DVSI, including Lim, the chairman, John C. Hardwick '86, the president, and Daniel W. Griffin PhD '87, the director of research and development.

It was not immediately clear why MIT sued Lockheed but not the provider of the allegedly infringing compression system, DVSI. "We could have sued DVSI, but they weren't really the player," Turner said. "A number of years ago we tried to get a license agreement in place with DVSI and could not come to an agreement."

Lockheed, which acquired the Inmarsat base stations when it bought the U.S. government-created Comsat Corp. in 2000, has since sold the base stations to Telenor Satellite Mobile Services Inc., a subsidiary of the principally-state-owned Norwegian telephone company Telenor ASA.

MIT's lawsuit against Lockheed was therefore only for past infringement. If MIT had won, it would likely have been able to receive "several millions of dollars" in royalties, Turner said.

## Ruling rested on voicing decisions

The court's ruling concluded, as Lockheed had argued, that because MIT's patent explained that "recourse is never made to a voiced/unvoiced decision," MIT could not successfully sue for the use of a system that made voiced/unvoiced decisions for each frequency band,

as MBE does.

MIT argued that the technique of making several voiced/unvoiced decisions was unknown in 1985 when its patent application was first filed. As a result, the patent's disclaimer that "recourse is never made to a voiced/unvoiced decision" should be read only to limit the patent's coverage of inventions that make a single, universal decision of whether speech is voiced or unvoiced for each section in time, MIT said.

The patent should still cover techniques that make multiple decisions (such as a decision for each frequency band) for each section in time, MIT argued.

But Judge Young did not agree. The patent's "emphasis is on the making of a voiced/unvoiced decision itself and how 'particularly difficult' this is to do," he wrote in a January decision.

"No emphasis is placed on the fact that the binary method employs a single decision for an entire frame versus multiple decisions," he wrote. "No reference is made to the potential for wasted data that occurs with a single decision per frame. Instead, the specification broadly suggests that it is the difficulty of making a voiced/unvoiced decision in itself that MIT's new invention sidesteps."

As such, because DVSI's system used by Lockheed did make voiced/unvoiced decisions, MIT must necessarily lose the case, he ruled. "The fact that Lockheed's device also makes a higher quality product without resorting to a voicing decision as to an entire frame does not make it equivalent to MIT's product," he wrote. "MIT has failed to set forth specific facts showing that a genuine issue exists for trial. A reasonable jury, on the record before the Court, could only decide in favor of Lockheed."

The lawsuit was also notable because, like DVSI, Lockheed Martin has strong historical ties to MIT. "Lockheed Martin and MIT have a long-standing relationship," MIT said in a 1998 press release announcing a \$1 million Lockheed gift to create the Lockheed Martin Software Learning Center at MIT.

The center does not yet exist because its future home, the Ray and Maria Stata Center, is not yet completed.



# Orientation 2003: New Events, Less Time for Rush

By Lauren E. LeBon  
ASSOCIATE NEWS EDITOR

The Class of 2007 will have three days to relocate to new dormitories once they arrive on campus, according to a draft of the 2003 Orientation schedule.

Students will move into their permanent rooms on Thursday of Orientation week. Last year students moved in on Saturday, giving them five days to move.

"We would like more time, but we also understand that there's a limited amount of time," said Ross E. Benson '03, the Dormitory Council Judicial Committee chair. "It's a compromise." Benson added that there is still discussion about the scheduling for in-house lotteries.

The amount of time allotted for dormitory exploration is not specified on the schedule. In an interview last February, Dean for Student Life Larry G. Benedict said that after 3

p.m. on Sunday and after 3:30 p.m. on Monday of Orientation week would be reserved for "Residence Exploration," or REX.

On the draft schedule, no events are scheduled during those times.

"We want to make sure that it's in the Hitchhiker's Guide so that students can understand to go to it," Benson said.

Last year, off-campus dinners were scheduled immediately before in-house rush events. Freshmen often arrived late to rush events and missed welcome statements from house governments and an explanation of the rush system, said Emily E. Cofer '04, Dormcon's incoming president, in an e-mail.

### Welcome dinners held in dorms

The freshman welcome dinner, where students have a chance to meet MIT faculty and other students, has traditionally been held in the

Johnson Athletic Center. This year, the dinners will be held in individual dormitories.

Discussions about the details of the dinners are still ongoing.

"It is our home, and so we feel it's important to have a say in how activities in our dorm are happening," Benson said.

"The concern with the Welcome Dinner ... stems from concerns the dorm governments were not directly consulted before this event was scheduled," Cofer said in her e-mail. "Dormcon is confident that, in the next few weeks before the Orientation schedule is 100 percent finalized, the few remaining concerns will be addressed and an amenable solution agreed upon by the ARC, DormCon and other appropriate parties."

Professor J. Kim Vandiver, a member of the Committee on the Undergraduate Program, said that he

is working on ways to make the faculty more approachable.

"We are taking creative scheduling ideas that might be implemented in future orientations in '04 and beyond," Vandiver said.

This year's schedule is "99 percent complete" Vandiver said, though Associate Dean and Orientation Coordinator Julie B. Norman said that the schedule is "still subject to change."

### East and West Campus parties

A new addition to the 2003 Orientation are the East and West Campus parties scheduled for Sunday and Monday nights, respectively. The parties aim to encourage students to explore both sides of campus before the adjustment lottery closes.

"It's more of a geographic designation rather than a cultural one," Benson said. He said that the events

will allow students to be "exposed to all places on campus and not sucked over to just one side."

"The parties won't be exactly the same. Each one will have its own flavor," Benson said. The change will allow freshmen to "meet people, learn about the dorms, and have a good time."

The East Campus party will be held from 8 p.m. to midnight on Sunday, August 24. The West Campus party will be held the evening of the 25th, just a day before the housing adjustment lottery closes.

When students arrive on campus on Saturday, August 23, their first activity at MIT will be the Freshman Essay Evaluation at 1 p.m., which will determine placement in freshman writing courses.

The Orientation Kick-off will begin at 4 p.m. that afternoon, followed by the PlayFair, which was introduced at last year's orientation.

Orientation 2003

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8/18	8/19	8/20	8/21	8/22	8/23	8/24
International Students arrive on-campus	International Orientation Inception Ends	FPOP	FPOP	FPOP	FPOP	International Students begin to arrive on-campus
All FPOP Students on-campus	Freshman Pre-Orientation Programs begin (FPPOP)	International Orientation	Transfer Students Arrive	Transfer Orientation	Freshmen Arrive all day	Kick-Off begins at 4pm followed by BBQ and Playfair
8/24	8/25	8/26	8/27	8/28	8/29	8/30
1st Homecoming Welcome - individual residence halls	Convocation (11-12)	Advisor Training (1-3:30pm)	Lunch with Advisors (11-1)	Meet with Academic Advisors 8-9pm (Reg by 6pm)	CityDays 9:00 - 3:00	Student Life Programs Throughout the weekend
Parent Branch 11-1 Walker	Killian Court (12:30)	Advisor Training (1-3:30pm)	Lunch with Advisors (11-1)	URPOP Exploration all day	Health and Wellness Fair (Undergraduate/Graduate) 1:30 - 4:30	Z-Center 10PC Events
OMG! Event 1-3pm	Topic: Diversity 1:30-3:30	Rape Awareness: Katie Koertner 11:20-12:00	Orientation groups	Students Move	Activities Midway 4:00 - 7:00	
Residence Midway begins 3pm	Learning Communities Open Houses (3:30-5:30)	Freshman Photo 2:00-2:30 - Killian	Off-Campus dinners 4-7pm	7pm Student Life programming (includes alcohol, roommate conflicts, conduct)		
Johnson Athletic Center	West Campus Party 8pm - midnight	Learning Communities 2:30-4	In-House Lottery			
East Campus Party 8pm - midnight		Academic event in Kreitzberg				
		Lottery Closes				
		Welcome Dinner in Residences 5:30				
		PSLG Event 8pm - midnight				
		92 - Reg Day/Biology Swim Test				

Dormcon's Proposed Orientation Schedule - 2/20/03

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
8/10	8/11	8/12	8/13	8/14	8/15	8/16
					Summer Housing Ends	International Students begin to arrive on-campus
8/17	8/18	8/19	8/20	8/21	8/22	8/23
International Students arrive on-campus	International Orientation	International Orientation	Transfer Students Arrive	Transfer Orientation	Transfer Orientation	Parent Orientation
FPPOP participants arrive by 5pm	FPPOP begins	FPPOP	FPPOP	FPPOP	FPPOP and Parent Registration begins	Parent's Welcome
					Freshman arrive all day	All Fresh on campus by 11a
						Orientation activities for the rest of the day (Opening ceremonies, BBQ, social event)
8/24	8/25	8/26	8/27	8/28	8/29	8/30
Welcome to MIT Branch at each dorm (11a-1p)	AP Exams (8-11a)	AP Exams (8-11a)	AP Exams (8-11a)	In-house rush results out (8a)	Breakfast	
Parent Branch (11a-1p)	Convocation (11a-noon)	Diversity Event (11a-1p)	Lunch with Advisors (11-1p)	Move into permanent assignment (noon)	City Days (9:30-3p)	
Parent Branch (11a-1p)	Rape Awareness (noon-3p)	Dorm rush continues (1-5p)	Core Bits (1-2p)	Meet with Academic Advisors (9a-5p)	Health and Wellness Fair (2-5p)	
Lottery opens (2p)	Dorm rush continues (3p)	Learning Communities (1:30-5p)	Academic Expo (2-4p)	URPOP Exploration	Athletics Gateway (3-5p)	
Freshman Picture (1-2p)	Learning Communities (3-5p)	Dorm lottery ends (5p)	Tech Theater (4-6p)	Litany results out (6p)	Campus BBQ (5-7p)	
Killian Kickoff (2p)	Welcome Dinner w/ Faculty (3-7p)	Welcome Dinner w/ Faculty (3-7p)	Housemaster welcome dinner (6-7p)	Dinner out on the lawn (6-9p)	Activities Midway (7-10p)	
Dorm Rush Starts (2p)			In-house rush (8p)			
East Party (8p-12a)	West Party (8p-12a)	PSLG party (8p-12a)				
8/31	9/1	9/2	9/3	9/4	9/5	9/6
	Labor Day	Reg Day	Classes Begin		PSLG Rush Starts	

On the left is the tentative Orientation 2003 schedule. On the right is the schedule Dormcon proposed in February.

Sarah Tennant  
Sales Team Leader, Bloomberg  
(Archery Champion)

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# MIT Spring Weekend 2003 JURASSIC 5

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*Tickets are nearly sold out, and increase on day of concert.*

**Saturday, April 26, 2003**

Johnson Athletics Center, MIT. Doors at 7:30 p.m.

Tickets are \$8 for MIT / \$10 for selected other colleges / \$10 on the day of concert

Featuring performances by Boss Beat Sound Crew and Cephalopod.

**Thursday, April 24, 2003**

Free showing of *The Lord of the Rings: The Two Towers* at 8 p.m. in 26-100.

Offer for first 500 people. By LSC.

MIT Logs Concert: A Capella all-stars and more.  
8:30 at La Sala de Puerto Rico.

**Friday, April 25, 2003**

International Fair: enjoy food and performances from different cultures on Kresge oval all day long. Hosted by the ISA

AXO Lip Sync: Laugh at your friends or win cool prizes at this annual event. Kresge at 8 p.m. Tickets are \$5 in lobby 10 or at the door. Proceeds go to charity.

Get Sprung: Tribute to hip hop culture featuring rapper Rahzel (member of the Roots), Boss Beat Sound Crew, Cephalopod, and DJ-JS1. Located in Lobdell from 10 p.m. - 1 a.m.

**Saturday, April 26, 2003**

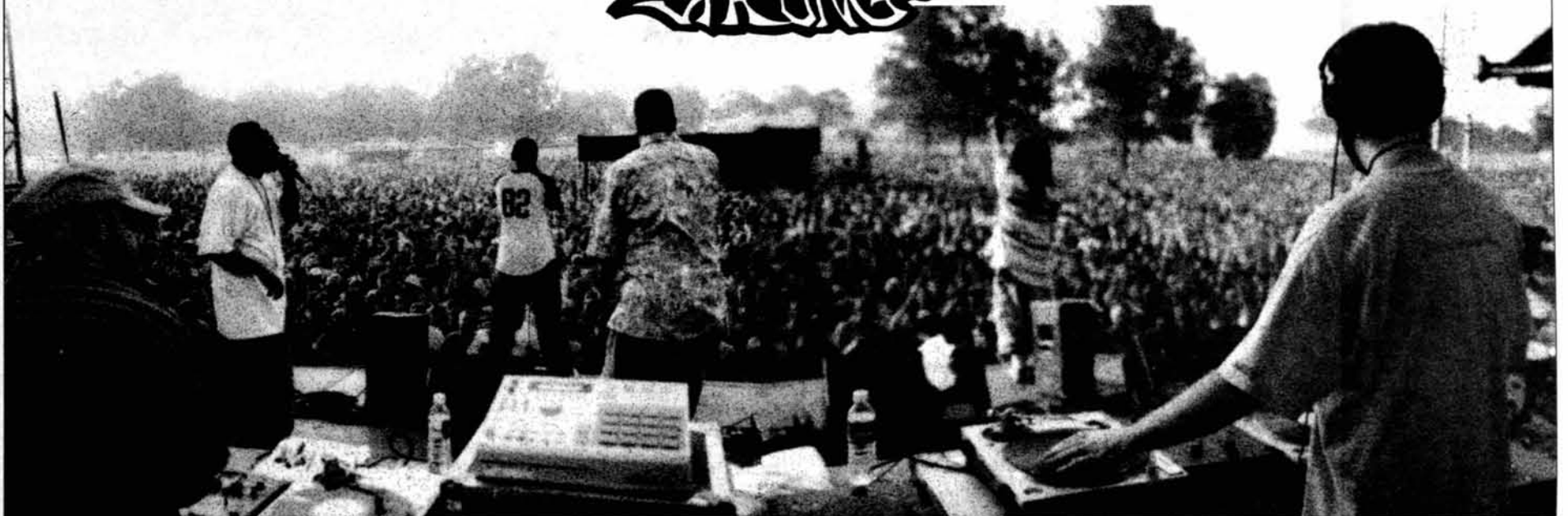
Open Air Bands All Day: Join Our Friend Glenn, Polski Fiat, Dedspace, Plexis, Typhoon Ferri, Greystone, Heemin Yang, Scorchio, Local Fields, Sonnic Bonnet, Imobilaire, Cephalopod, and other acts from 11:30 a.m. - 8 p.m. on the Student Center Steps.

Panhellenic Carnival: The full range of carnival games brought to you by Panhel from 12 - 4 p.m. on Kresge Oval.

Spring Weekend Barbeque: Only the finest grilled meats and gardenburgers from 12 - 2 p.m. at the Kresge Pits

Brought to you by the Division of Student Life, the Undergraduate Association, Student Life Programs, Campus Activities Complex, Campus Police, and the Spring Weekend 2003 Committee.  
[web.mit.edu/spring](http://web.mit.edu/spring)

GET SPRUNG





# Missing BU Professor Found Dead in Charles River

By Jenna Russell  
and Michael S. Rosenwald  
THE BOSTON GLOBE

Students and professors at Boston University gathered Tuesday, many in tears, after receiving the news they had been dreading: The body of John Daverio, a professor missing since March 16, had been found floating in the Charles River.

The body was spotted Monday evening by crew team members near their Cambridge boathouse and identified Tuesday using dental records, according to Middlesex District Attorney Martha Coakley.

An autopsy found that Daverio had drowned. Police said there was no evidence of foul play, leaving suicide or an accidental fall as the most likely causes.

## Cause of death unknown

At BU's College of Fine Arts, where Daverio taught for more than 20 years in the close-knit musicology program, the news ended a month of hoping by colleagues and friends.

Tuesday, as they struggled to accept Daverio's death, those close to the 49-year-old professor — known for his reliability and a devotion to his aging parents — resisted

the possibility that he took his own life.

"No way," said Elizabeth Seitz, a fellow BU musicologist and Daverio's friend of 17 years. "There's just no way. Something happened. I don't know what it was, but he didn't just throw himself from a bridge. The only way I would believe that is if I found a letter."

The last known image of Daverio was captured by a surveillance camera in the lobby of the fine arts building between 8:30 and 9 p.m. on Sunday, March 16. In the grainy image, he heads out the front door to Commonwealth Avenue, wearing a red jacket and carrying a white bag in one hand. Daverio, who lived in Allston, appears to be bearing left to walk east toward the BU Bridge and Kenmore Square, Boston University Police Captain Robert Molloy said.

His body was found within a quarter-mile of the bridge, which crosses the Charles between Boston University and Cambridgeport.

Upstairs in his office, police later found his wallet and briefcase, but no note or any indication of where he had gone.

Investigators, who are still looking for the bag Daverio was carrying,

are considering the possibility that he was walking near the river and slipped and fell on ice. But Tuesday, at a press conference in the college dean's office, they acknowledged that the circumstances of Daverio's death might never be known.

## Friends, family, students mourn

The door to Daverio's second-floor office was closed Tuesday, a long yellow ribbon still dangling from his doorknob with the words "Return in Safety Johnny D" hand-printed on it. A vase on the floor held white gladiolus; Daverio's friends have kept it stocked with flowers, mostly yellow tulips and roses, since his disappearance, a colleague said.

More than 200 students and faculty members gathered late Tuesday afternoon in the college concert hall to learn of Daverio's death. University officials, some of them crying, read from police reports and prepared statements. At the end of the meeting, the room sat in silence for five minutes.

"It's kind of a relief — we know now," said Hilary Castle, 19, a student from California who played in a youth orchestra led by Daverio. "This past month has been eerie. His

office is in the center of everything."

The only thing bothering Daverio, according to his friends, was his parents' declining health. An only child, Daverio disappeared just after he returned from visiting his mother in a hospital in western Pennsylvania, where she was recovering from congestive heart failure.

"He had known that this would eventually happen to his parents," said a colleague, Charles Fussell. "It's not as if this was a sudden surprise to him."

The professor's father, also named John Daverio, said his son seemed on top of the world when he said goodbye at the end of the visit.

"I didn't notice a darn difference about him at all," said his father, who is 85. "He was his own self. That was all ... You always hope and pray they would find him. I don't know if somebody played a dirty trick on him up there, but I can't believe he would have done something to himself."

Friends said Daverio will be sorely missed in the classroom, where he was a passionate teacher who delighted in mentoring students and watching them launch careers. A talented violinist, he was chair of the BU musicology department and had built

a worldwide reputation as a scholar of the composer Robert Schuman.

Outside the classroom, friends said he will be missed by their children, who called him Uncle John. His first stop at his friends' homes was always the floor, where he would instantly begin playing with whatever game or toy was at hand.

"Every time we drive past his office, my son asks if we can go see Uncle John," said Seitz, whose son is 4. "He knew there'd be jelly beans there. My son would get some jelly beans and run around disturbing everyone and John would think it was absolutely hilarious."

For the last month, Seitz has told her son that Uncle John was on vacation. She doesn't know how or when she'll tell him Daverio is gone.

His father, a retired brick layer in an old steel mill town near Pittsburgh, said he will not disturb his son's bedroom, which remains exactly as he left it years ago: loaded with books, essays he'd written about music as a boy, and dozens of records.

"This is John's room," his father said. "This will always be his room."

Globe Correspondent Stefany Moore contributed to this report.

# 972 Spaces Currently Available in Dormitories for Fall

Crowding, from Page 1

space at the Sidney-Pacific graduate residence to accommodate all the rising seniors who applied to live there, so some students may not be able to participate, Vallay said.

There are currently 80 empty spaces in undergraduate dormitories on campus. Putting together the current vacancies and expected vacancies leaves 972 open spaces for next year's freshmen class. That class is expected to number about 1,000, and the Senior Segue numbers are not

final, so some crowding is likely.

## Pledges move to fraternity houses

Some fraternities require that their pledges move into their houses. As long as there is room and barring special circumstances, pledges are expected to move in to Alpha Epsilon Pi's house, said Jacob D. Beniflah '03, a rush chair at AEPI.

The fraternities "have really encouraged freshmen to move in," Rogers said, but fraternities do not require their pledges to move in.

Many fraternities have a few pledges who aren't moving in. "Some

people don't move in because of family, academics, or other reasons," Yardley said.

"We think it's better for [the pledges] to live in the house," said Timothy R. Kreider '03, Sigma Nu president. However, "if it comes to having a brother on campus or not having a brother at all, if it's someone we want, it's okay to have them on campus," he said.

MIT will continue offering the fraternities compensation for their empty beds for the next two years. The need for this compensation varies from fraternity to fraternity.

"A lot of guys who are graduating and staying for their [master's degree] will still live in the house" at Zeta Psi, so there won't be many empty beds, Yardley said. Zeta Psi is Yardley's fraternity.

There will still be a few empty beds at Phi Sigma Kappa, but probably fewer than there currently are, said Mark A. Halsey '04, a member of Phi Sigma Kappa.

"We will still have empty beds [at Sigma Nu]. We won't be in immediate financial danger, but if there's a trend of fewer [students] moving in, then it could get ugly," Kreider said.

"I was excited to hear about the daytime SafeRide plans being approved because that makes it easier to live off campus," Kreider added.

MIT is "encouraging fraternities to recruit all year round" to increase the number of pledges, Rogers said.

Jennifer Krishnan contributed to the reporting of this story.

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## MIT Chinese Culture Fair

Date: Friday April 18, 2003

Venue: MIT Student Center Outdoor Steps and Kresge Oval

Time: 11:30am-2:30pm

## Chinese Culture Seminars

Date: April 15 ~ April 16, 2003

Venue: MIT 4-231

Time: 5-6:30pm

## Chinese Classical Movies

Date: April 16 ~ April 20, 2003

Venue: MIT 54-100 (April 18, 1-190)

Time: 7:30-11:00pm

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## SPORTS

## MIT Cycling Dominates Army Race, Team Takes Fifth Place

By Jason Sears

The women's and men's teams of MIT Cycling made a strong showing at the Spring Classic races hosted by the U.S. Military Academy at West Point, N.Y., this past weekend. The competition consisted of a road race on Saturday followed by a criterium and a team time trial on Sunday. The event was part of the Eastern Collegiate Cycling Conference series.

Caitlin Bever G held off the B-category women in the group sprint Saturday to take first place in the road race. Bever, the only MIT woman in the race, was far outnumbered by rival teams Dartmouth and the University of New Hampshire. She single-handedly punished her competitors on the hilly 27-mile course to win in 1:33:25. The win put Bever in first place in Division II women's B for the season.

Stanley M. Jurga G proved to be the toughest cyclist in the men's road race by chasing down every attack in the competitive Men's B field. Jurga escaped for his own 10-mile attempt in the third of four 14-mile laps before being caught in the last few miles by the peloton, finishing 17th at the end of the day.

On Sunday, Ariel M. Herrmann G came back from a race-ending crash the day before with an excellent showing in the Men's C criterium. Herrmann sat in within the 60-strong pack for most of the race, making a short appearance at the front to take fourth place in a prime sprint. Herrmann demonstrated his



Caitlin Bever G rides to victory for the MIT Women's Cycling Team at the Army road race. MIT placed 5th in Division II in the weekend's points tally.

superior tactical and handling ability with an 8th-place finish despite the injuries he had sustained the previous day.

Exhausted and sunburned, the MIT men lined up once more Sunday afternoon to contest the Men's A team time trial on a rolling 13-mile course. The team, consisting of Jurga, Herrmann, Chip Vaughn, and Jason A. Sears G, put in an impressive performance in an exceptionally strong field. With three of four riders in their first season of competition, MIT's team finished in 6th place, only 2.5 seconds

behind a Penn State squad featuring the under-23 national road race and national track cycling champions.

Also putting in solid performances this weekend were D-category team members Isaac J. Dancy G (8th in the criterium), Benny Yam (15th in the criterium), and Michael Rosenblatt (27th in the road race). MIT placed 5th in Division II in the weekend's points tally. The team heads to the Eastern Conference championships April 26th and 27th at the University of New Hampshire.

## 3 Wins, 2 Blowouts for MIT Lacrosse

By Brian Loux

ASSOCIATE FEATURES EDITOR

MIT Lacrosse fended off a late-game run by the University of Massachusetts at Dartmouth to edge the Corsairs out 7-6 last Thursday.

The Engineers' attack relied heavily on the youth of the team to propel them to victory. Stefano Young '06 from the acclaimed Gonzaga High School contributed three of Tech's seven goals on the day, while teammate Isaac B. Taylor '05 sent another three to the back of the net. Alvin "Carter" Powers '05 attained what would be the difference-making goal and also made two assists.

As time rolled on, the Corsair attack launched a late attack in the last two quarters resulting in a 2-4 tally for the last half, including a three goal run for UMass in the fourth quarter. The Corsairs seemed to have freshman goalie Christopher Ng's '05 number near the end of the game, but some spectacular saves in the last minutes of play — as well as solid second and third quarters of play from MIT's only goalie — helped keep the lead in the hands of the home team.

## Play intense and rough

The close score underlaid the

intense, physical, and sometimes angry match that the competition became. From the get go, yellow flags littered the field.

A questionable hit by defender Brent M. Schreiber '03 just before the end of the second quarter appeared to be clean but nonetheless resulted in an unnecessary roughness call. Coach Walter A. Alessi questioned whether the officials were calling MIT too strictly on contact after the early penalties in the first quarter. UMass would go on to rack up an equal number of slash and unnecessary roughness penalties later.

As penalties would go on to hinder both teams frequently as the game progressed, but neither the Engineers or the Corsairs successfully dominated play in their respective man-down situations. Most goals were scored during regular play. Strong efforts from MIT's man-down defenders Gordon F. Fellows '05 and Marc A. Dagenais '03 helped keep UMass's attack out of the crease.

## MIT holds on to lead

At halftime the Engineers had a comfortable 6-2 lead with their offense dominating the game and controlling a majority of the ground ball situations. They con-

tinued the trend at the outset of the third quarter with two straight goals.

However, that command began to slip as the third quarter waned. The Corsair attack felt more comfortable face-dodging and rushing the defense and taking more shots on goal. A goal near the end left the score 6-5 MIT at the end of the third, with the momentum in the Corsairs' favor.

MIT scored a quick goal to start off the fourth, but that did not stop the pressing attack that followed for the next 14 minutes, slowly draining away the engineer lead.

A goal within the last three minutes of the fourth quarter cut the lead to one. With less than a minute to go, quick action by Christopher K. Wilmer '02 and the rest of the MIT defense took the ball away and into offensive territory. The clock waned down in the Corsair third of the field, making a last ditch effort to fling the ball downfield for one last UMass shot futile.

MIT went on to win its next to games against Clark and Norwich with two consecutive blowouts. The engineers defeated Clark 22-3 on Saturday and 18-9 on Tuesday. MIT's next home game starts at 4:00 p.m. today on the omni turf field.

## Royal Flush

By Phil Janowicz

Other than Ricardo Rodriguez, can anyone stop these Royals? The Royals roared through the Jake and are currently dominating the White Sox at Comis ... er ... US Cellular Field. The Royals have been able to survive the flu, rainouts, a series of ejections and warnings in Cleveland, and four crazy White Sox fans. As they look ahead to a stretch of games against Detroit, Minnesota, and then at Fenway, the Royals are ready to kick it up to high gear.

## Column

Since coming back from the flu, Mike Sweeney is hitting .444 with two runs, two home runs, and two RBIs including a game-winning two run shot off Billy Koch in the ninth on Tuesday, and Brent Mayne is hitting .444 with two runs, one home run, and two RBIs. Look out baseball, here come the new and improved Royals, now with pitching!

Elsewhere around the league, the Red Sox are finding a way to win despite a faulty committee in the pen. Johnny Damon has been just incredible the past week with an average of .304, six runs, four home runs, six RBIs, and two stolen bases. Kevin Millar has continued his hot hitting — despite his mysterious loss of power — the past week with an average of .450, five runs, and one RBI.

Tim Wakefield has pitched beautifully out of the bullpen, allowing some stability in the committee. The rest of the bullpen, however, is floundering. In order to contend this season the bullpen needs to be able to preserve the many leads this offense will give to them.

## Top pitchers struggle

Is there some epidemic going around baseball that affects only the top pitchers? We've seen horrific pitching performances from Pedro, Maddux, Glavine, Johnson, Schilling, Mulder, Hudson, and Zito. These are the best pitchers in the game, and they've all had bad outings. Perhaps this is just coincidence, but I'm getting kinda freaked out by these bizarre pitchers. We see one Maddux and then we see a completely different one as of late, and I don't know which one is which. ("I am Bizarro Maddux." "I'm regular Maddux.")

Johnson seems to have a hurt leg, and Pedro is complaining about a dead arm. I blame the Red Sox for making Pedro go 7 days rest between starts instead of instituting a regular pitching schedule, but who else would you put on the mound for your home opener? I'm glad they picked up his contract extension.

A look into the National League shows the Expos shining in San Juan. Twenty-two of the Expos' home games this year are being played in Puerto Rico, and Jose Vidro couldn't be happier. Vidro hit a game-winning home run off Armando Benitez (why is he still playing?) to send the Puerto Rican fans jumping. Hopefully, the Expos can perform like this in Montreal.

Also in the NL, the Cards are "Rolen" as he hit two home runs Wednesday against the Brew Crew. Matt Morris is getting back on track after Jeff Kent ruined his complete game win last week (technically, it was still a complete game) by hitting a two-run homer off him in the bottom of the ninth to give the Astros a 3-2 victory over the Redbirds. Pujols is also performing well hitting after Rolen, and these Cards will be flying high when Izzy returns, although later than expected.

## First ever 'Jano Awards'

I'll institute some awards I'll call them Jano awards, named after myself and my uncle Vic Janowicz, Heisman winner in 1950 for Ohio State, running back for the Washington Redskins, and catcher for the Pittsburgh Pirates. Here are this week's Jano awards.

Hitting: Milton Bradley of the Cleveland Indians. He's not just a game maker, he's a play maker. Starting the season off on at least a thirteen game hit streak, in the last week he batted .467 with three runs, two home runs, four RBIs, and three outfield assists. Originally not wanting to be the leadoff man, he has filled the role beautifully and is unstoppable. No wonder Coco Crisp was sent to AAA. Honorable Mention: Rocco Baldelli of the Tampa Bay Devil Rays.

Pitching: Rinelvis Hernandez of the Kansas City Royals. When you got a job to do, you gotta do it well, and Hernandez has been doing so even while not well. In his last start at the Jake, he pitched seven innings, and gave up seven hits, two BBs, no runs, fanned four, and threw up thrice. He begged manager Tony Pena to let him start that game despite his flu and to let him pitch seven innings. He sparkled then and will continue to sparkle throughout the season. Honorable Mention: Kazuhiro Sasaki of the Seattle Mariners.

Utility: Eric Wedge, manager of the Cleveland Indians. Congratulations on your first career ejection. I'm sure there will be more to come. Honorable Mention: Danny Bautista of the Arizona Diamondbacks.

Boner of the Week: White Sox fans. That was just ridiculous. I thought the Gamboa incident last September was bad enough, but the White Sox fans do it again. During Tuesday's game in Chicago, four White Sox fans ran onto the field on different occasions to disrupt the game. Normally, this wouldn't be that big a deal, but the fourth one attacked first base umpire Laz Diaz.

Some justice was served when the Royals beat the crap out of the guy, but that was completely uncalled for. If you're looking for a major security risk, it's behind first base in Chicago. Honorable Mention: Armando Benitez (he should win this award perpetually).

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## Solution to Crossword

from page 9

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